STEREO CASSETTE RECEIVER

KRC-380/390

SERVICE MANUAL

KENWOOD

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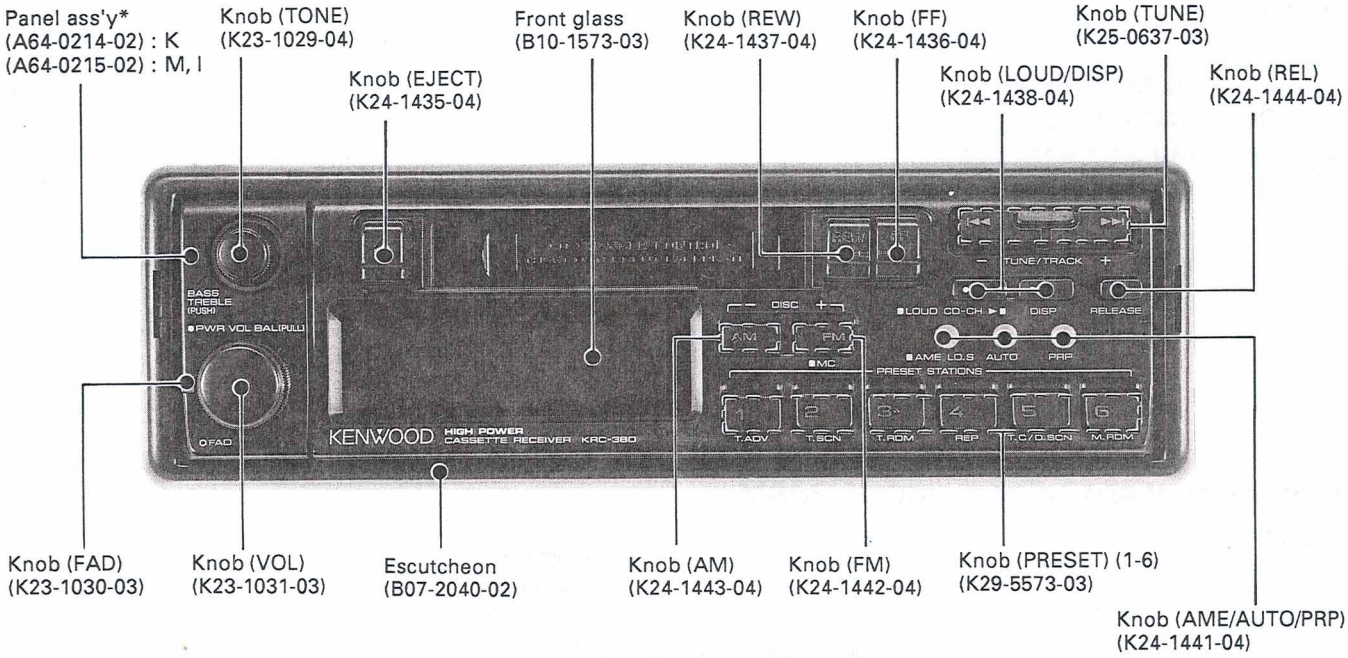

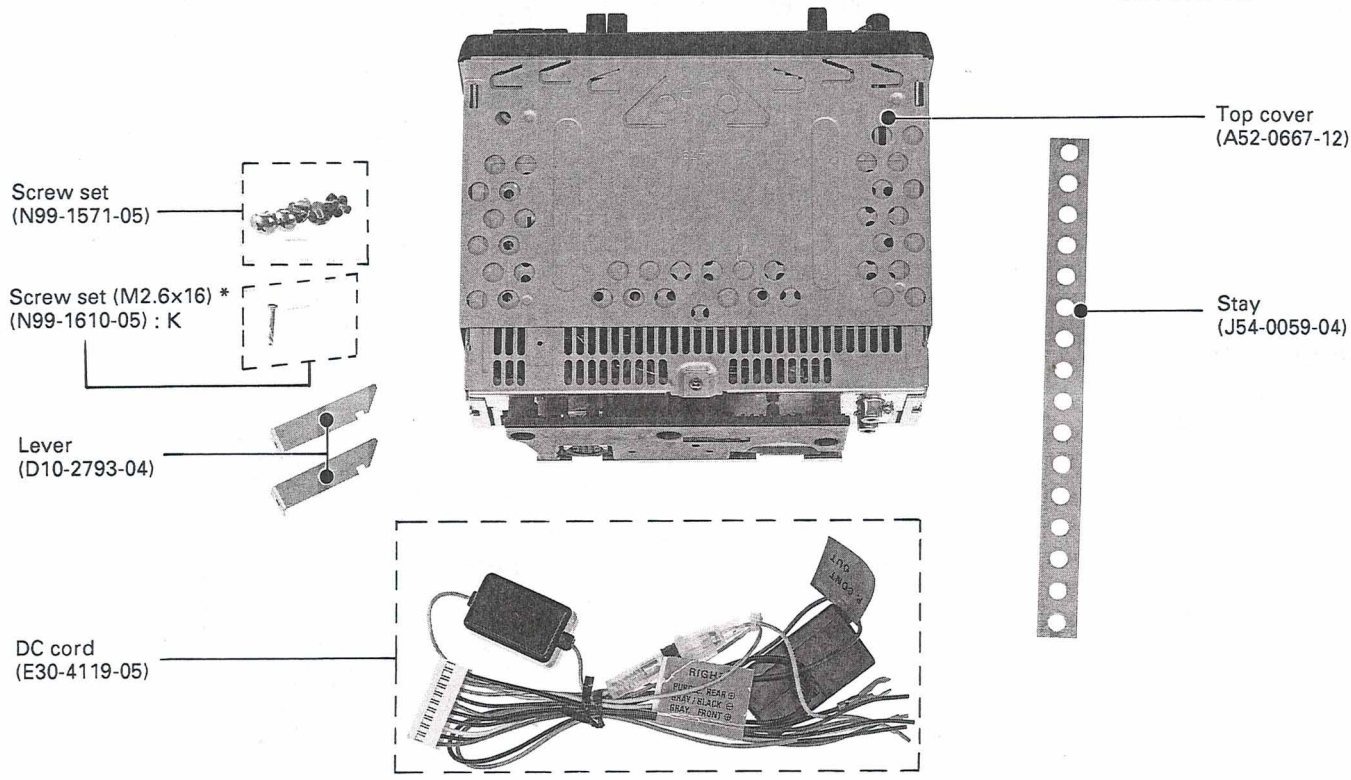

Photo is KRC-380.

***Refer to parts list on page 36.**

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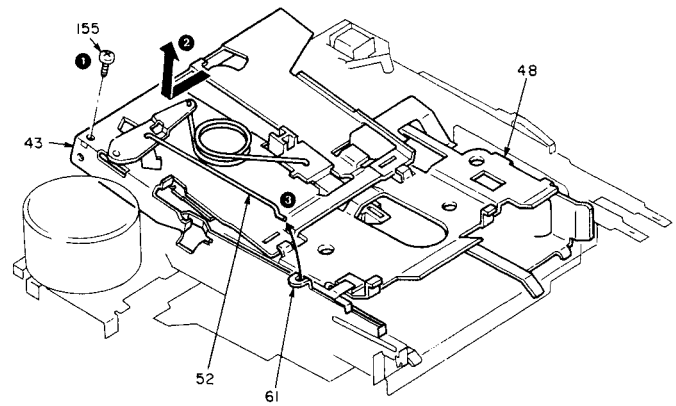
DISASSEMBLY FOR REPAIR (MECHANISM)

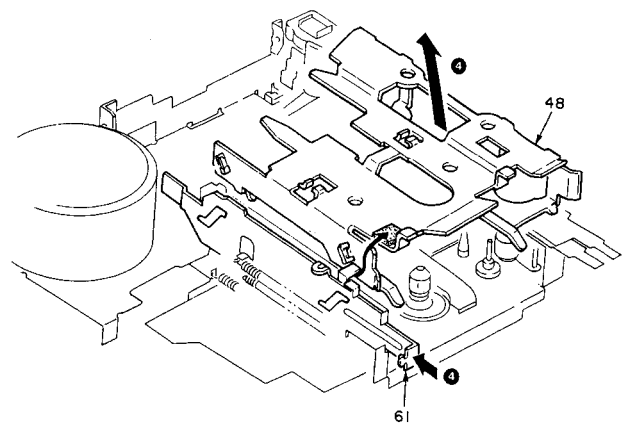
REMOVAL NO1.

1. Remove screw (155) (❶).
2. Rotate the lifter (43) to the left and lift it up to remove (❷).
3. Remove the rod (52) from the eject lever (61) (❸).



REMOVAL NO2.

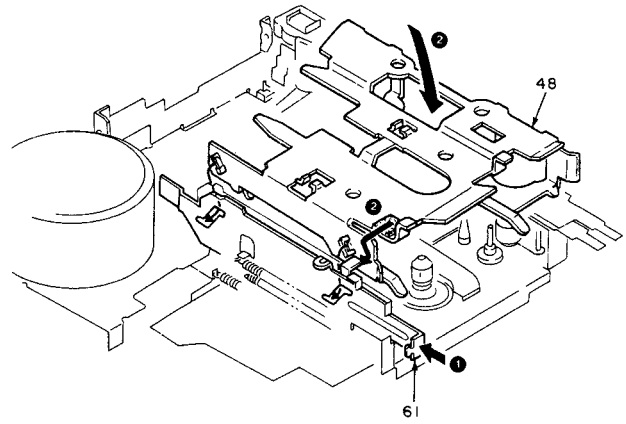
4. While pressing-in on the eject lever (61), remove the holder(48) (❹).



DISASSEMBLY FOR REPAIR (MECHANISM)

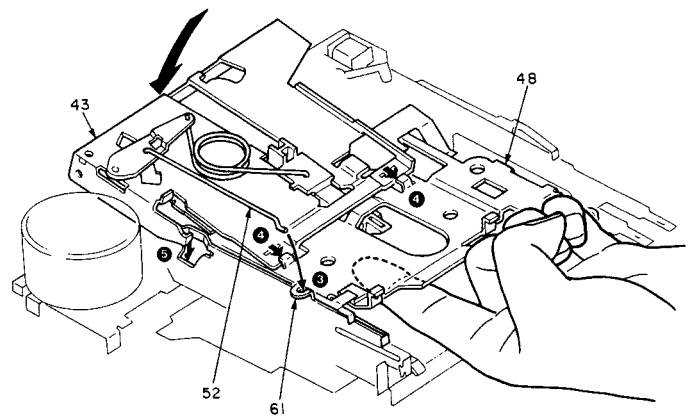
SET UP NO1.

1. While pressing-in on the eject lever (61) , attach the holder (48) (❶).
2. Insert the holder's (48) projecting tab into push plate's groove (❷).



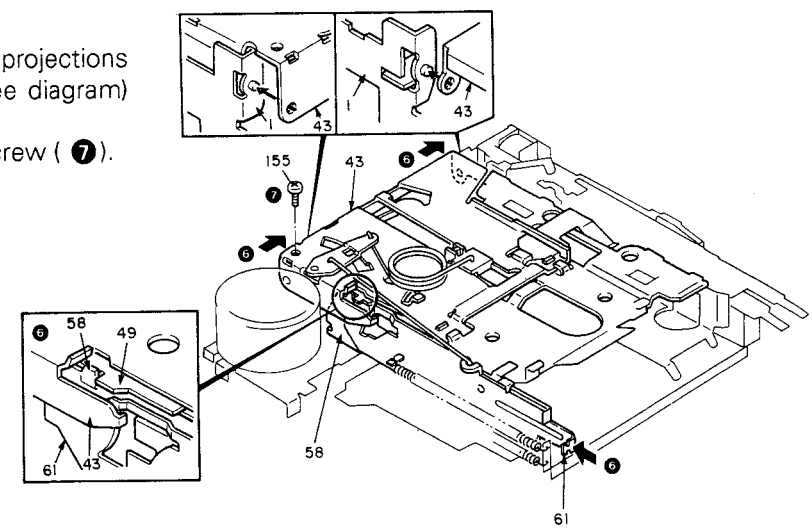
SET UP NO2.

3. Insert the rod (52) into the hole in the eject lever (61) (❸).
4. While lifting up the holder (48) , engage the lifter (43) (❹).
5. Move the lifter (43) down so that it aligns with the eject lever's (61) cut out (❺) section.



SET UP NO3.

6. Align the lifter (43) with the chassis (1) projections and move it to the right to engage (see diagram) (❻)
7. Secure the assembly by attaching the screw (❼).



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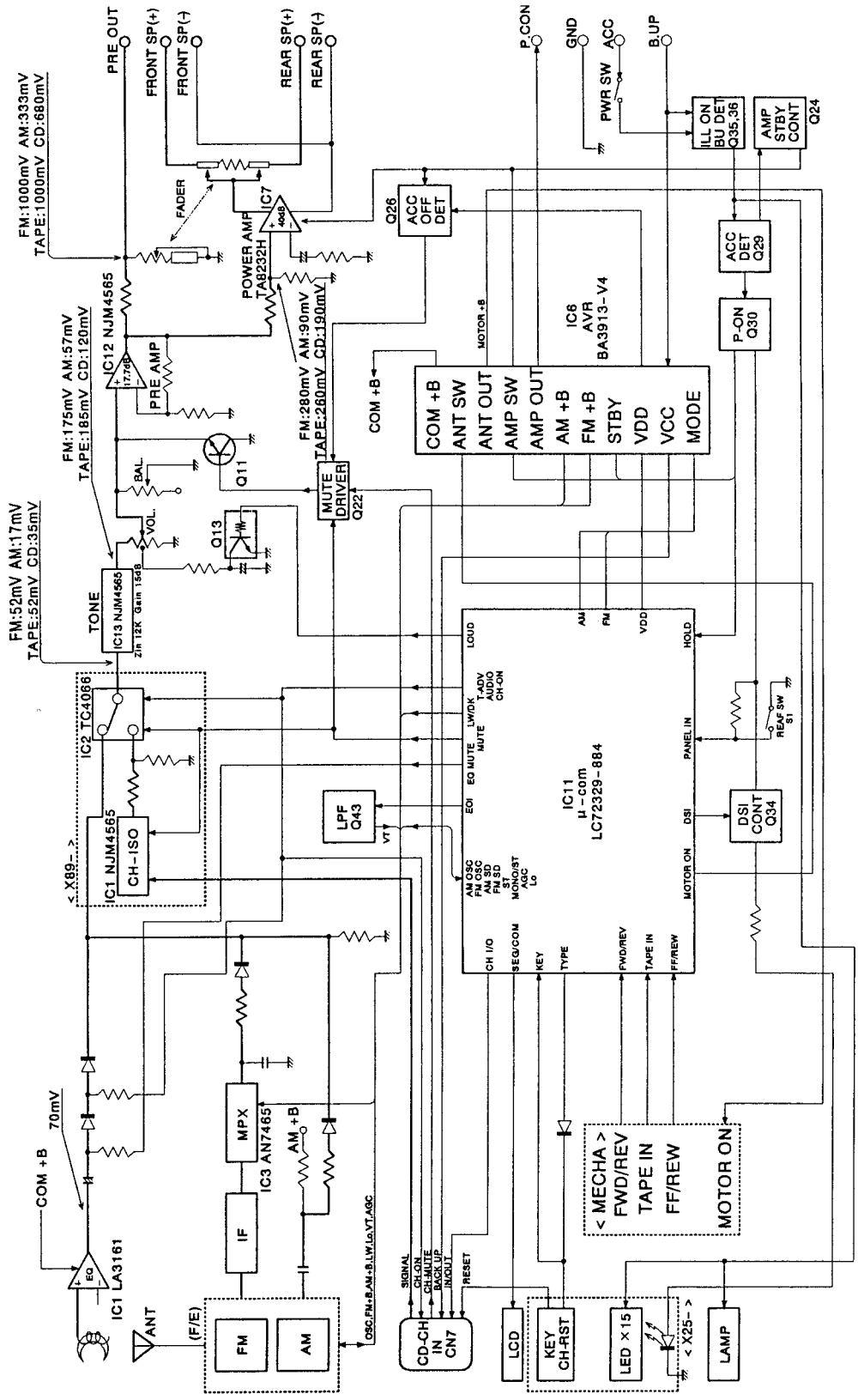
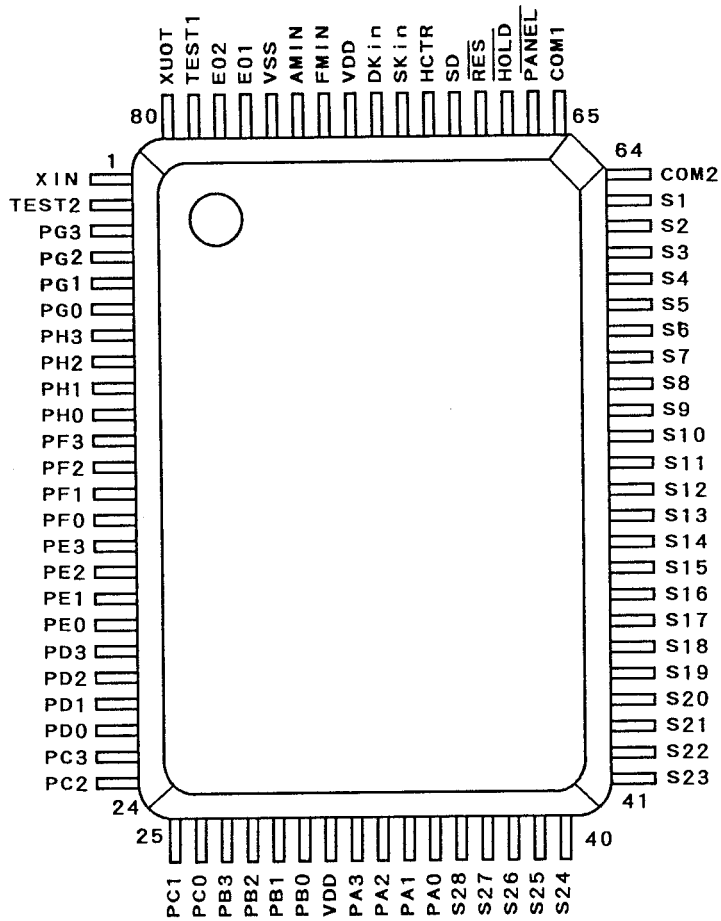
BLOCK DIAGRAM



CIRCUIT DESCRIPTION

IC11 : LC72329-8846 (X14-5080-XX) -10 : 380, -21 : 390

• Terminal connection



• Terminal function

No.	Name	I/O	Function	Description	Hold mode
1	XIN	I	X IN	4.5MHz X'tal connection.	
2	TEST 2	I	–	(Connected to GND.)	
3	PG3	I	STEREO in	Stereo broadcasting signal detect input. "L"=Stereo.	–
4	PG2	I	TAPE in	Tape detect input. "L"=Tape mode.	–
5	PG1	I	FWD/REV	Tape transport direction detect input. "H"=FWD, "L"=REV.	–
6	PG0	I	FF/REW	Tape fast winding status detect input. "L"=FF/REW.	–
7	PH3	O	AM+B	Power control.	Open
8*	PH2	O	TAPE/CD-CH	For the logic, refer to the I/F sheet.	L
9	PH1	O	T-ADV	T-ADV control circuit ON/OFF output. ON="H".	L
10	PH0	O	MUTE	Audio muting control output. ON="L".	L (After 15s.,to H)
11	PF3	O	DSI	DSI output. ON="H".	Blinking
12*	PF2	O	AUDIO	Audio signal switching output. Refer to the I/F sheet.	L
13	PF1	O	CHCON	CH changer ON output. ON="H". Also used as audio signal switching output.	L
14	PF0	O	REQH	Request HU. Communication request to CD changer.	L
15	PE3/SI	I	SI	Serial Input. DATA input from changer.	–

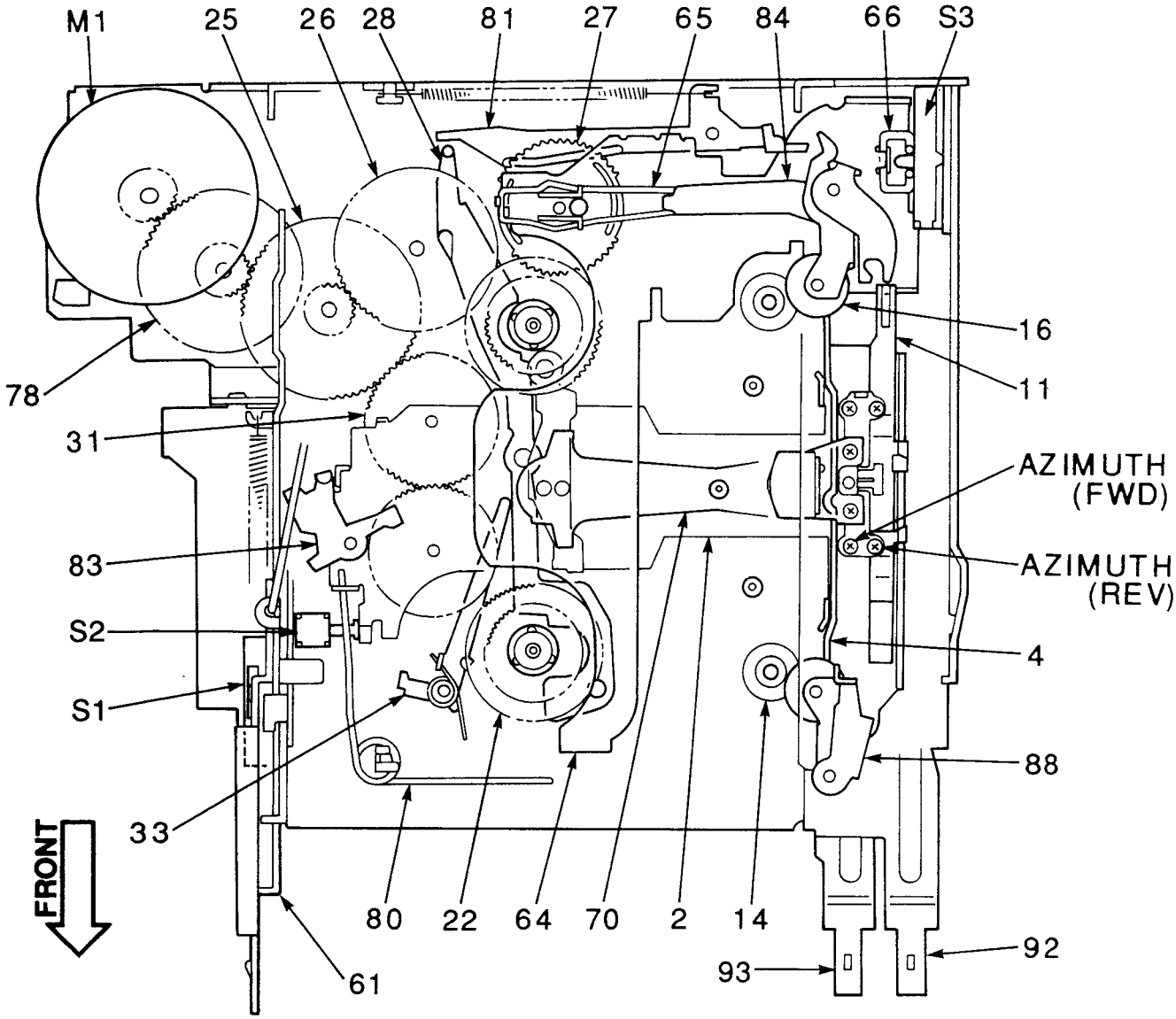
CIRCUIT DESCRIPTION

No.	Name	I/O	Function	Description	Hold mode
16	PE2/SO	O	SO	Serial Output DATA output to changer.	L
17	PE1/SCK	I	SCK	Serial Data input. CLOCK input from changer.	L
18	PE0	I	$\overline{\text{REQC}}$	Request Changer. Communication request from changer.	–
19	PD3	O	MONO	Forced monaural output.	
20	PD2	O	LOC	Exclusive for Local output. AM/FM logic inversion.	L
21	PD1	O	$\overline{\text{AGC}}$	$\overline{\text{AGC}}$ cutting control output. ON="L" (FM), ON="H" (AM).	L
22	PD0	O	$\overline{\text{EQ-MUTE}}$	Tape equalizer muting control output. ON="L".	L
23	PC3	O	$\overline{\text{LOUD}}$	Loudness control output. ON="L"	L
24	PC2	O	LW/DK out	Common for LW/DK outputs.	L
25	PC1	O	MOTOR	Tape motor control.	L
26	PC0	O	KS4	Key Source outputs for initialization.	L
27~30	PB3~PB0	O	KS3~KS0	Key Source outputs.	L
31	V_{DD}	–	V_{DD}	5V.	
32~35	PA3~PA0	I	KR3~KR0	Key Return inputs. With pull-down resistors.	–
36~63	S28~S1	O	SEG28~SEG1	LCD segment outputs.	L
64, 65	COM2, COM1	O	COM2, COM1	LCD common outputs.	L
66	$\overline{\text{INT}}$	I	PANEL	Panel present switch.	
67	$\overline{\text{HOLD}}$	I	$\overline{\text{HOLD}}$	Power switch input.	Return with ⤴
68	$\overline{\text{RES}}$	I	RESET	(Connected to V_{DD}.)	
69	ADI	I	SD in	(Vth=2.5V) FM/AM station detect signal input. "H"=Station detected	–
70	HCTR	I	–	Connected to GND.	
71	LCTR	I	SK in	SK signal input.	
72	$\overline{\text{SNS}}$	I	DK in	DK signal input.	–
73	V_{DD}	–	V_{DD}	5V.	
74,75	FM, AM in	I	FM IN, AM IN	VCO inputs.	
76	V_{SS}	–	V_{SS}	Connected to GND.	
77, 78	EO1, EO2	O	EO1, EO2	Phase detector error output.	
79	TEST 1	I	–	(Connected to GND.)	
80	XOUT	O	X OUT	4.5MHz X'tal connection.	

• I/F sheet*

	AUDIO	AM+B	TAPE/CD-CH
TAPE mode	H	Open	L
TUNER mode	L	FM : Open AM : L	FM : Open AM : Open
CD-CH mode	H	Open	L
TAPE FF/REW	H	Open	L
TAPE T.CALL : FM TAPE T.CALL : AM	L L	Open L	Open Open

MECHANISM OPERATION DESCRIPTION



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MECHANISM OPERATION DESCRIPTION

LOADING

1. Insert a cassette tape (❶).

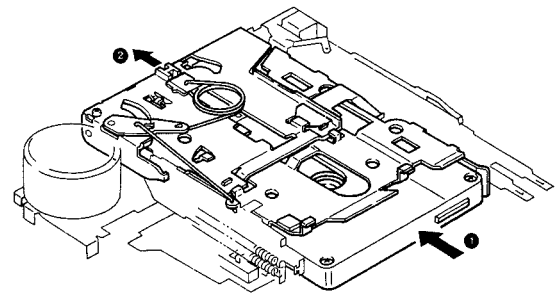

Fig. 1

2. The pack slider (50) presses the lever (49) (❷).
3. The lever (49) rotates and the push plate (58) lock releases. The push plate is pulled by spring (59) and moves forward (❸).

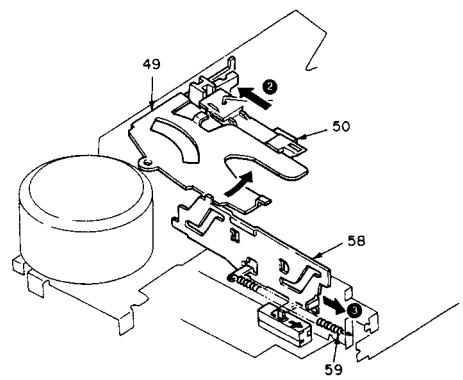

Fig. 2

4. The holder (48) lowers following the groove in the push plate (58) (❹).
5. The slide switch (S1) is pressed by the push plate (58) and turns ON. When S1 turns ON, current is supplied to the motor (M1) (❺).

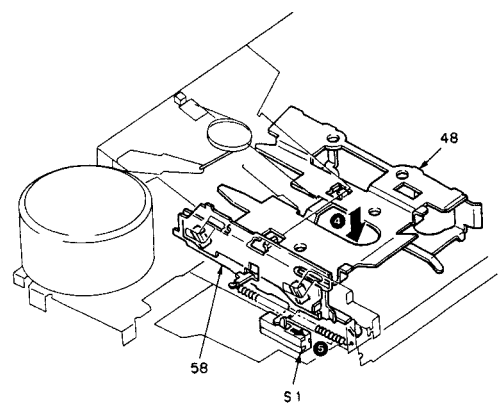

Fig. 3

MECHANISM OPERATION DESCRIPTION

6. The push arm (83) is pressed by the push plate (58) and rotates. The push arm (83) releases the head plate (2) lock (❻).
7. The head plate (2) is pulled forward by the spring (80) (❼).

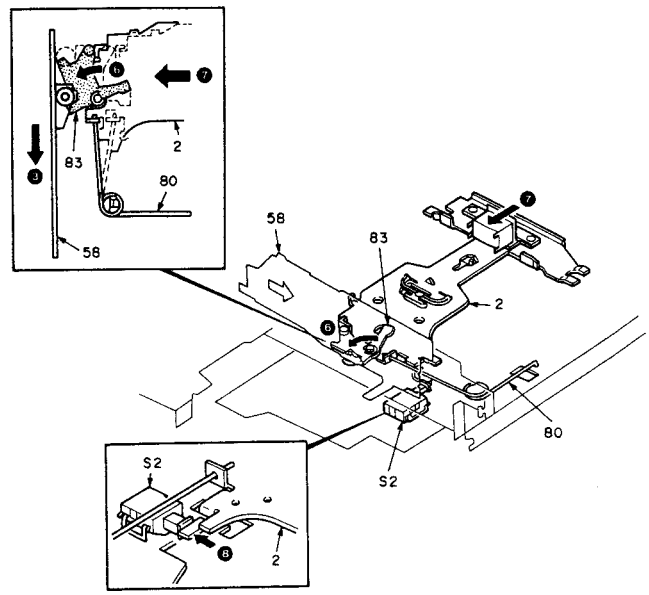

Fig. 4

8. The forward movement of the head plate (2) causes the push switch (S2) to turn ON (❽).
9. Through the forward movement of the head plate (2), the PR spring (4) causes the pinch roller assembly (16, 17) to press against the capstan assembly (74) (❾).

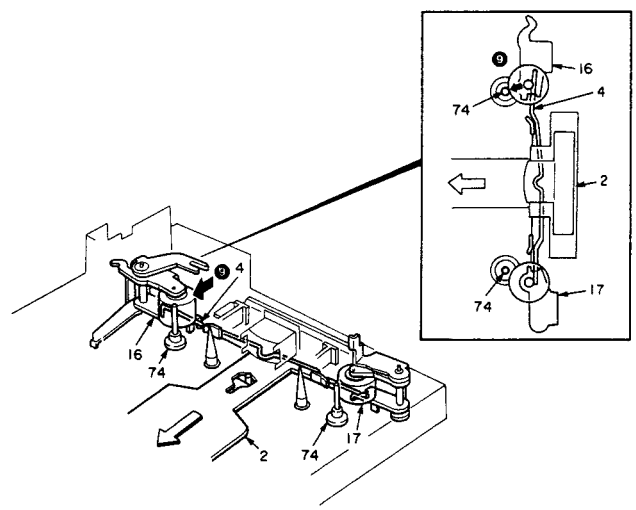

Fig. 5

10. The rotation of the motor is transmitted through various gears (78 → 25 → 31 → 6 →) to drive the winding side reel disk assembly (22) (❿).
11. The sending side reel disk assembly (22) is not driven by the motor rotation because it is separated from the play gear (6) (⓫).

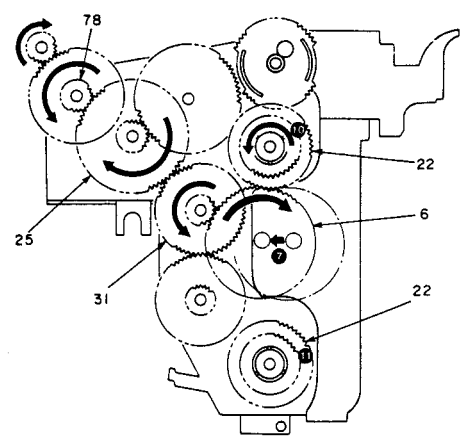

Fig. 6

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MECHANISM OPERATION DESCRIPTION

PROGRAM (Manual Program Change)

1. When pressing FF/REW (92 and 93) levers at the same time (❶), the levers are placed into a slot on the PC (Play Change) plate (94) in direction of arrow (❷) in Fig.7.
2. The PC plate (94) moves in the direction of arrow (❸), trigger arm (81) is kicked in the direction of arrows (❹) and (❺), thereby releasing the turn-over gear (27).
3. The turn-over gear (27) is rotated in the direction of arrow (❻) by ED (End Detector) gear (26), which moves main plate (64).

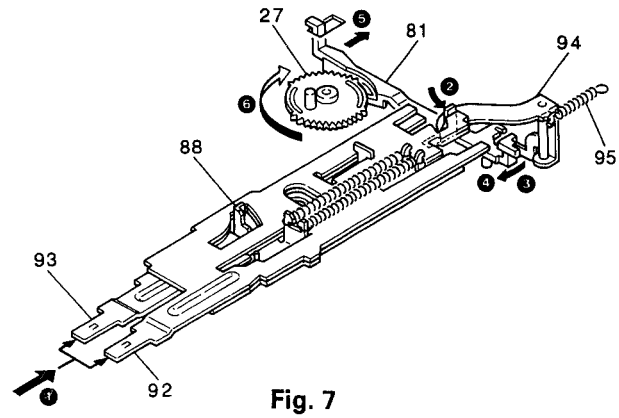


Fig. 7

4. The main plate (64) slides in direction of arrow (❼) in Fig.8 causing the following part movements;
   a) Head switch (10) movement is changed per arrow (❽).
   b) Force transferred from pinch roller spring (4) changes the relation of pinch roller and capstan to each other, per arrow (❾).
   c) Seesaw plate (20) is moved by the main plate and seesaw plate spring (65), and moves seesaw working plate (84). All FF/REW operation is performed by this seesaw plate movement. See arrow (❿).

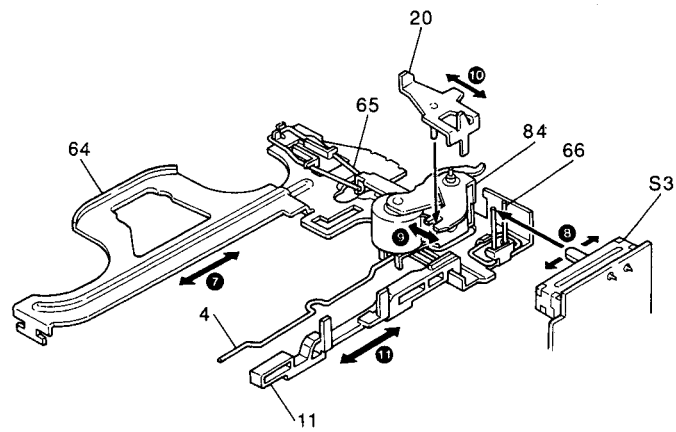
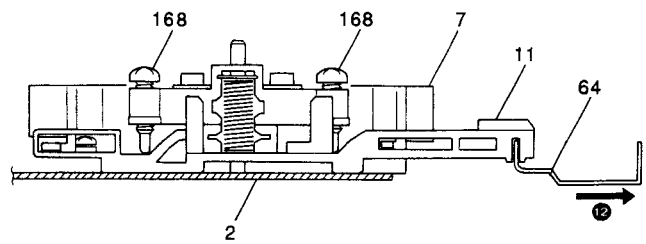


Fig. 8

   d) The shift plate (11) is moved in direction of arrow (⓫), and head moves up and down per arrows (⓬ , ⓭ and ⓮) in Fig.9.



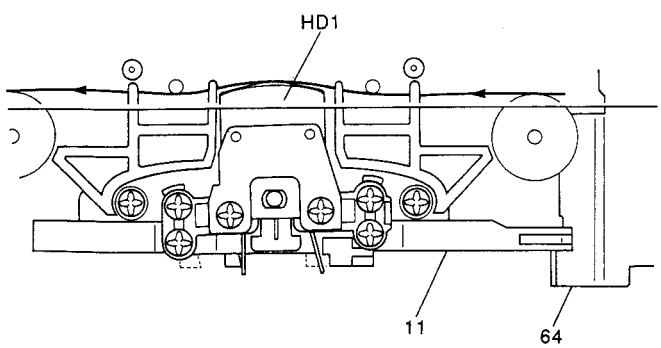


Fig. 10

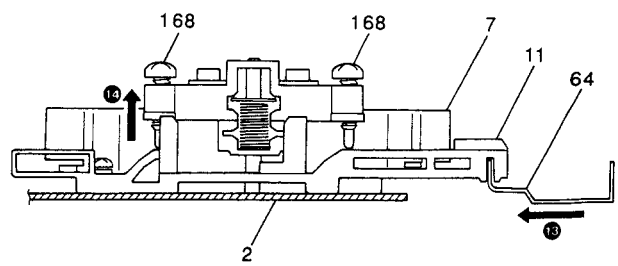


Fig. 9

MECHANISM OPERATION DESCRIPTION

e) The play gear metal (5) is engaged, per arrows (⑮) and (⑯) in Fig.11. Then play gear (6) is connected to take-up reel assembly (22) on forward side in FWD play, and connected to the other take-up reel assembly in REV play. Rotation from the play clutch (31) is transferred to take-up reel assembly per arrows (⑰) and (⑱) in Fig.11. As mentioned above, the direction in play mode can be changed. During play mode active, the head panel is moved backward by head panel return arm (88) in direction of arrow (⑲) in Fig.11. The Mute switch (S2) is turned on per arrow (⑳), and play mode is not reversed while FF/REW levers are pushed by operation of anti-reverse arm (33). See Fig.12.

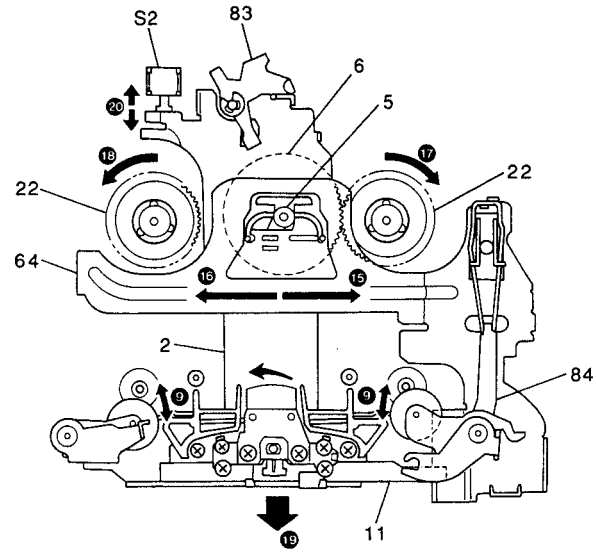


Fig. 11

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MECHANISM OPERATION DESCRIPTION

FF

1. Press the FF lever (92) (❶).
2. The return arm (88) is pushed by the FF lever (92) and rotates (❷).
3. The head plate (2) is pulled by the return arm (88) and moves back (❸).
4. The seesaw plate (20) is pushed by the FF lever (92) and rotates (❹).

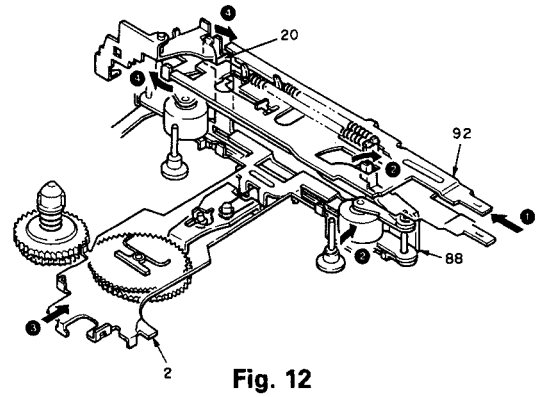

Fig. 12

5. The FR slide plate (86) is pulled by the seesaw plate (20) and moves forward (❺).
6. The working plate (70) is pulled by the FR slide plate (86), and the FR gear (71) engages with the clutch assembly (31) and winding side reel disk assembly (22) (❻).
7. The FF lever (92) is locked by the lock plate (96) (❼).

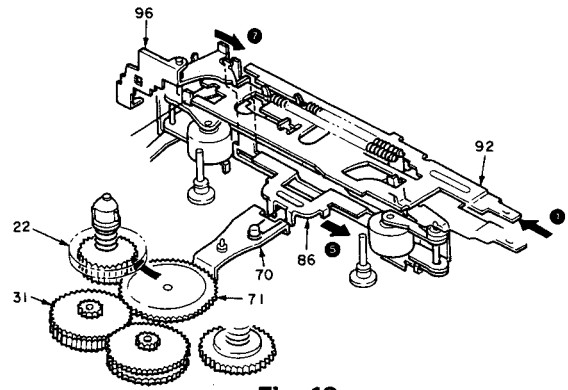

Fig. 13

8. If the REW lever (93) is pressed, the lock plate (96) rotates, the FF lever (92) lock is released and the deck enters play mode (❽).

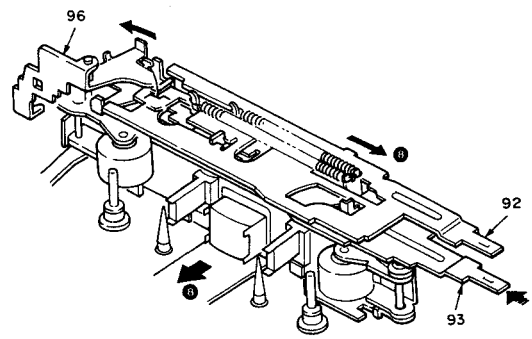

Fig. 14

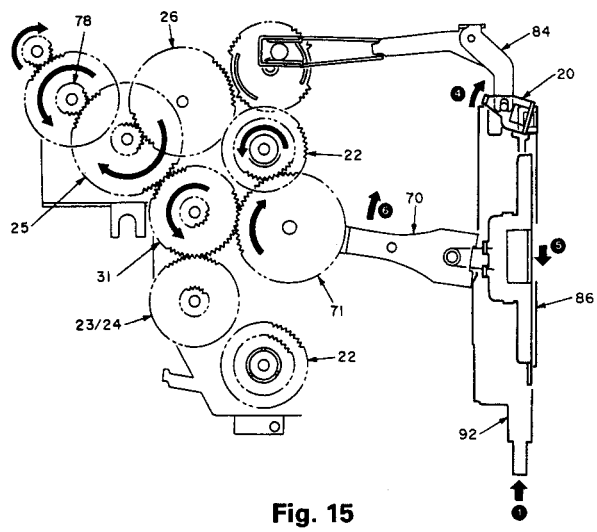

Fig. 15

MECHANISM OPERATION DESCRIPTION

REW

1. Press the REW lever (93) (❶).
2. The return arm (88) is pushed by the REW lever (93) and rotates (❷).
3. The head plate (2) is pulled back by the return arm (88) and moves back (❸).
4. The seesaw plate (20) is pushed by the REW lever (93) and rotates (❹).

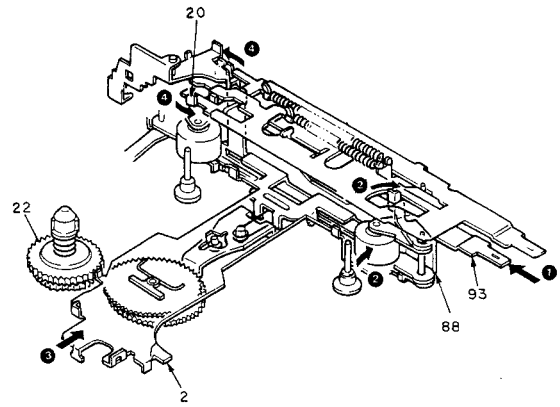

Fig. 16

5. The RF slide plate (86) is pushed by the seesaw plate (20) and moves backward (❺).
6. The working plate (70) is pulled by the RF side plate (86), and the FR gear (71) engages with the sending side reel disk assembly (22) and F gear (24) (❻).
7. The REW lever (93) is locked by the lock plate (96) (❼).

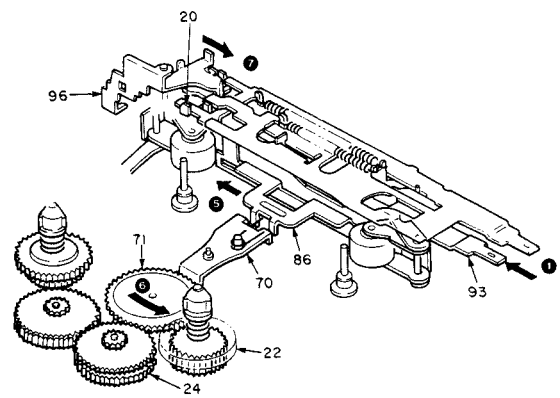

Fig. 17

8. If the FF lever (92) is pressed, the lock plate (96) rotates, the REW lever (93) lock is released and the deck enters play mode (❽).

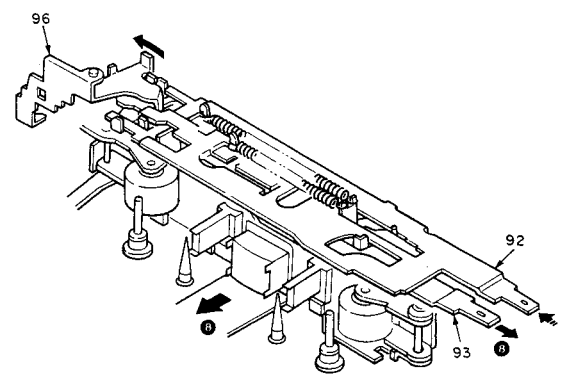

Fig. 18

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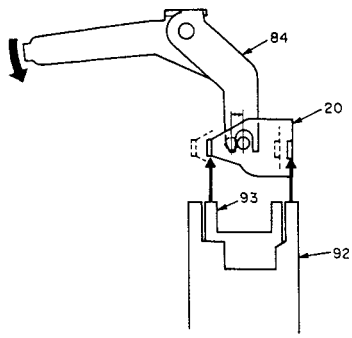
MECHANISM OPERATION DESCRIPTION

Note : During reverse play, since the seesaw working plate (84) moves the center of the seesaw plate (20) to the right, pressing the FF lever activates the rewind operation and pressing the REW lever activates the fast-forward operation.



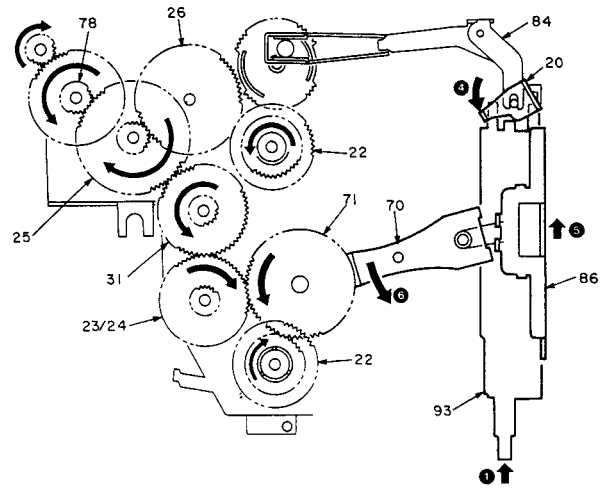


Fig. 19

AUTO REVERSE

1. When the end of the taps is reached during playback and the reel disk assembly (22) stops rotating, the ED plate (28) is pushed by the ED gear (26) (❶).
2. The ED gear (26) rotates and the boss pushes the ED plate (28) further (❷).
3. The ED plate (28) pushes the trigger arm (81) (❸).
4. The trigger arm (81) releases the reverse gear (27) lock (❹). (The "program" operation starts.)

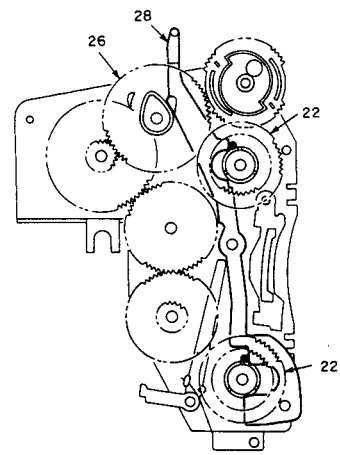


Fig. 20

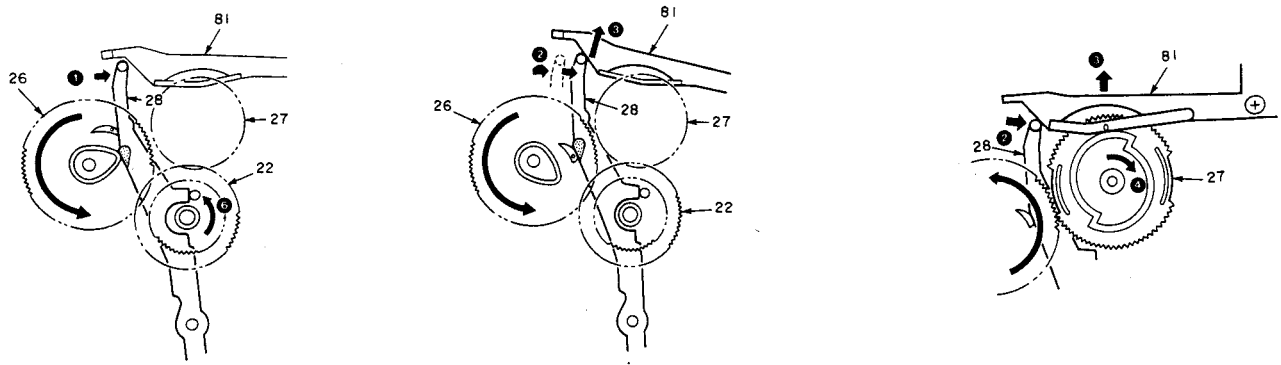


Fig. 21

MECHANISM OPERATION DESCRIPTION

5. In the same way, during FF and REW, the ED plate operates when the tape end is reached, When the plate (64) moves (❼), the lock plate (96) rotates (❽) and the FF/REW lever is released, causing the deck to enter play mode (❾).

6. The pin at the lower side of the reel disk assembly (22) resets the ED plate (28) (❻).

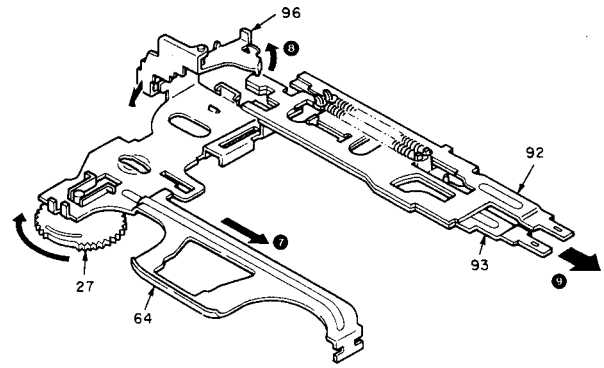


Fig. 22

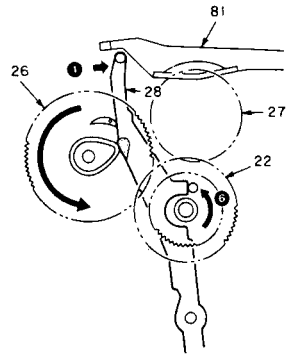
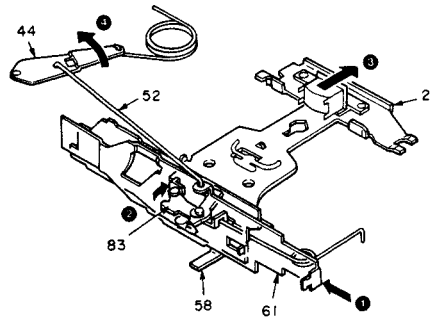


Fig. 23

EJECT

1. Press the EJ lever (61) (❶).
2. The push plate (58) is pushed by the EJ lever (61) and rotates the push arm (83) (❷).
3. The push arm (83) moves the head plate (2) back (❸).
4. The EJ lever (61) moves the rod (52) and rotates the PE plate (44) (❹).



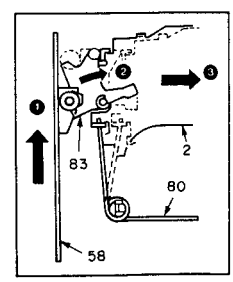


Fig. 24

5. The holder (48) moves up following the push plate (58) groove (❺).
6. The PE plate (44) turns the reverse spring (47) over and pushes out the pack slider (50) (❻).

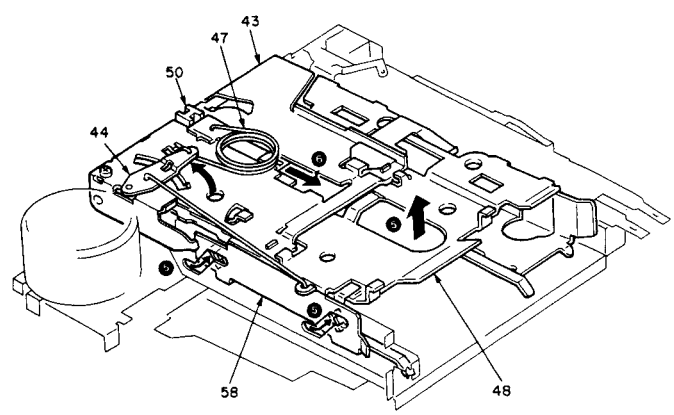


Fig. 25

ADJUSTMENT

Set the controls and switches as follows.

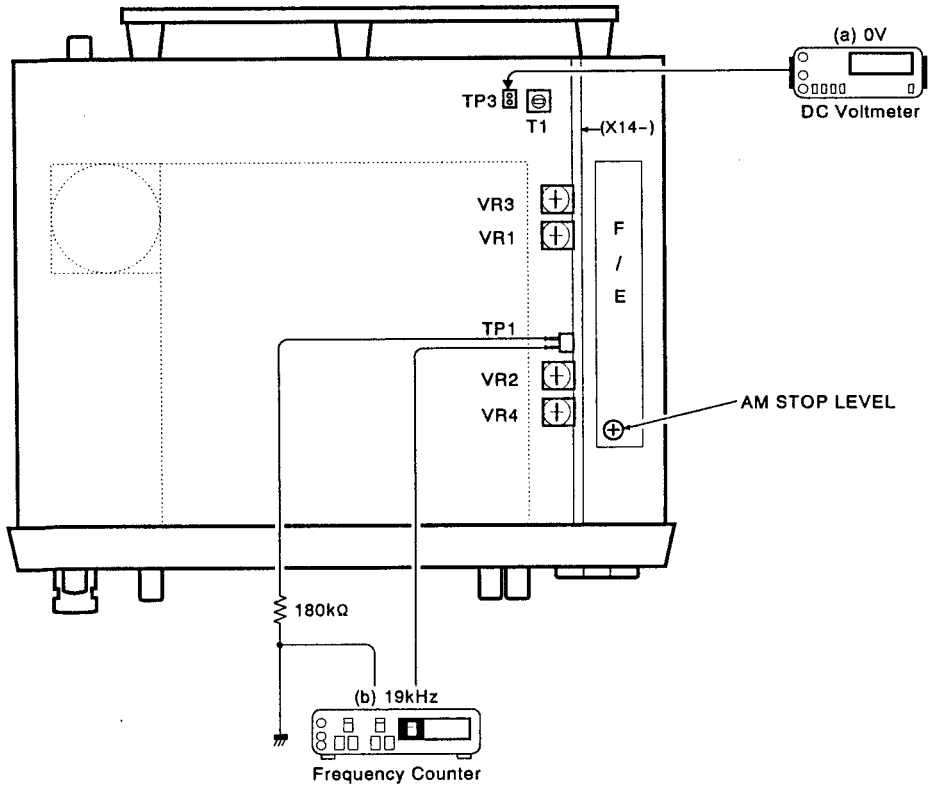
BALANCE	:center position	LOUD	:OFF
FADER	:center position	AUTO	:OFF
BASS	:center position	LOCAL	:OFF
TREBLE	:center position		

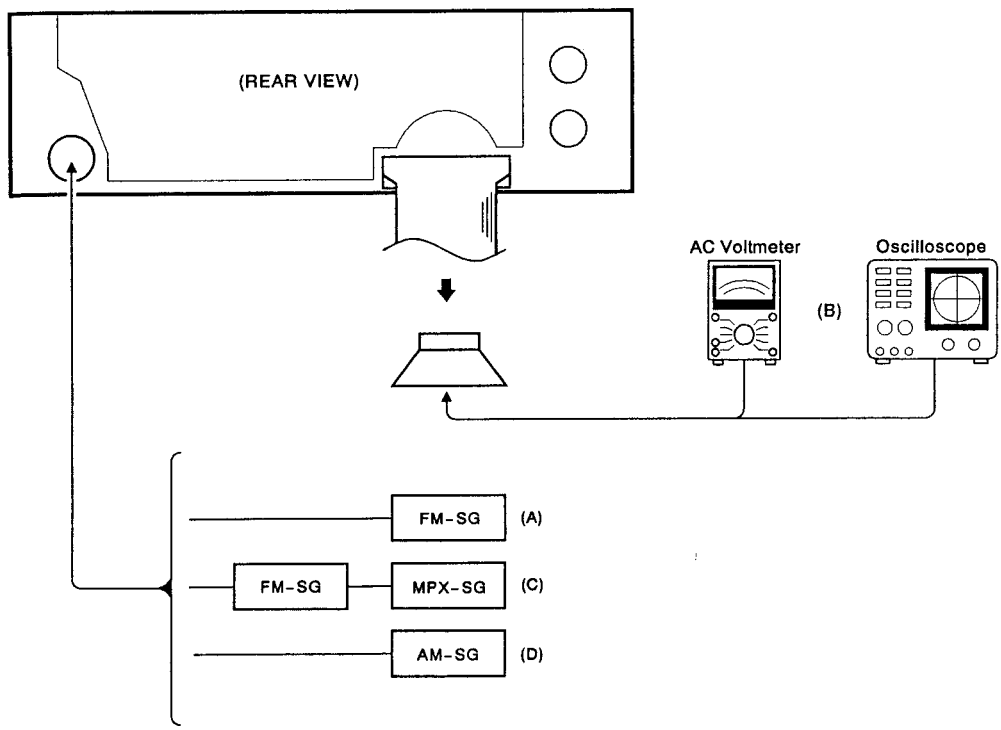
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0dev 60dBμ (ANT input)	Connect a DC voltmeter to TP3	FM 98.1MHz	T1	0V	(a)
2	VCO	(A) 98.1MHz 0 dev 60dBμ (ANT input)	Connect a frequency counter to TP1 and GND (X14-B/3)	FM 98.1MHz Connect a R(180KΩ) between TP1 GND (X14-B/3)	VR2 (X14-B/3)	19,000Hz	(b)
3	SEPARATION	(C) 98.1MHz 1kHz, ±67kHz dev Pilot: ±7.5kHz dev Selector:L or R 60dBμ (ANT input)	(B)	FM 98.1MHz	VR1	Adjust it so that the crosstalk from L to R and R to L become minimum.	
4	ANRC	(C) 98.1MHz 1kHz, ±67kHz dev Pilot: ±7.5kHz dev Selector:L or R 35dBμ (ANT input)	(B)	FM 98.1MHz	VR4	Separation 10dB	
5	STOP LEVEL	(A) 98.1MHz 0 dev 20dBμ (ANT input)	TEST MODE : ON	FM 98.1MHz	VR3	Adjust so that the "◀▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	
AM SECTION							
(1)	STOP LEVEL	(D) 990 kHz 0% mod 35dBμ (ANT input)	TEST MODE : ON	AM 990 kHz	VR (TU1)	Adjust so that the "◀▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	
CASSETTE DECK SECTION							
[1]	AZINUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azinuth for each L ch / R ch or FWD /RVS becomes maximum	

*Test mode : Turn power ON while holding the [FM] and [⏮] keys depressed. (All of the LCD elements light.)
Then, press the [FM] or [AM] key.

To quit : Power OFF.

ADJUSTMENT


(a) 0V
DC Voltmeter
TP3
T1
(X14-)
VR3
VR1
F
/
E
TP1
VR2
VR4
AM STOP LEVEL
180kΩ
(b) 19kHz
Frequency Counter


(REAR VIEW)
AC Voltmeter
Oscilloscope
(B)
FM-SG
(A)
FM-SG
MPX-SG
(C)
AM-SG
(D)

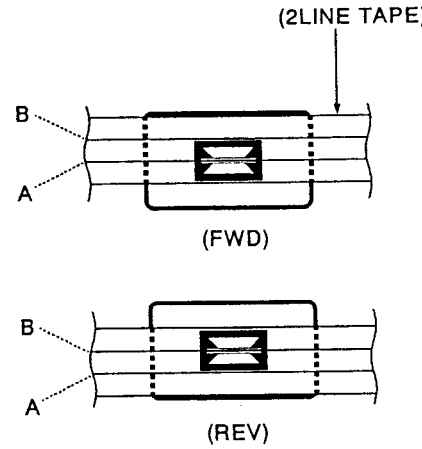
KRC-380/390

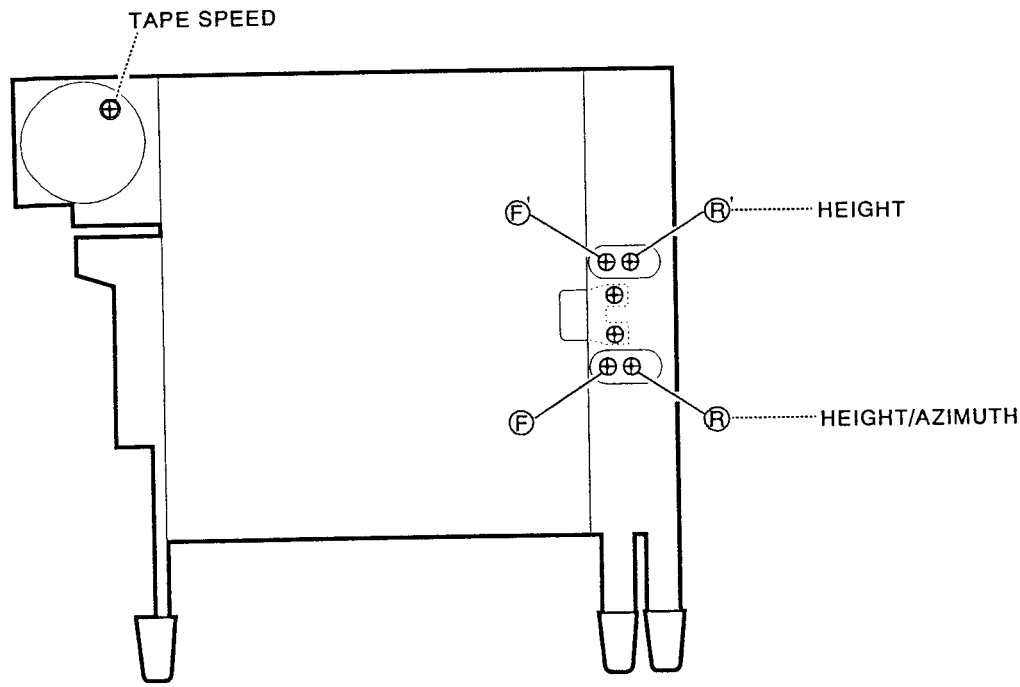
ADJUSTMENT (MECHANISM)

Head Angle Adjustment

Head height alignment procedure (type D)

- During FWD transport, adjust screws Ⓕ and Ⓕ' so that line A of 2-line tape passes trough the center of the head shield plate (white section).
- During REV transport, adjust screws Ⓡ and Ⓡ' so that line B of 2-line tape passes trough the center of the head shield plate (white section).
- After the alignment above, reverse the transport direction and check the FWD alignment again. If it is deviated, perform alignment again. (Tape used : SCC-1659, manufacured by A-BEX)



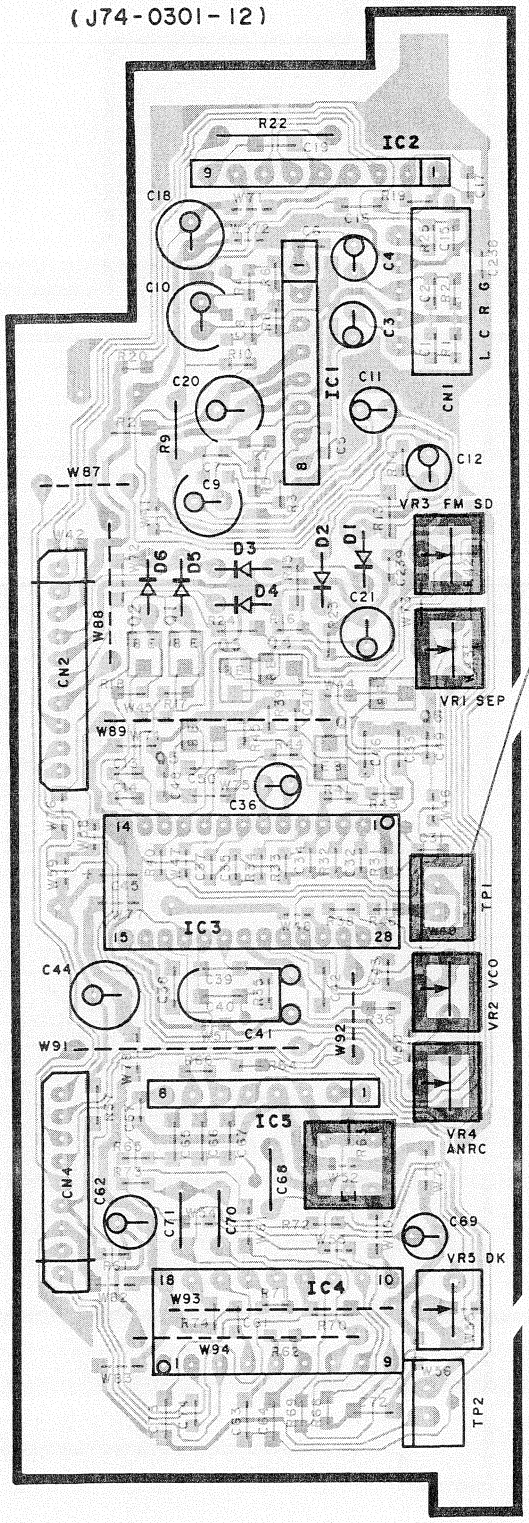


PC BOARD (COMPONENT SIDE VIEW)

SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390

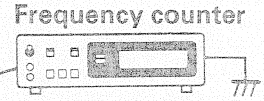
X14-5080-XX
(J74-0301-12)

B/3



X14-5080-XX		
IC	Q	Address
1		3B
3		4B
	4	4B
	5	4B
	6	4B
	7	4B
X89-2080-10		
IC	Q	Address
1		5E
2		5D
	1	6D
	2	6D

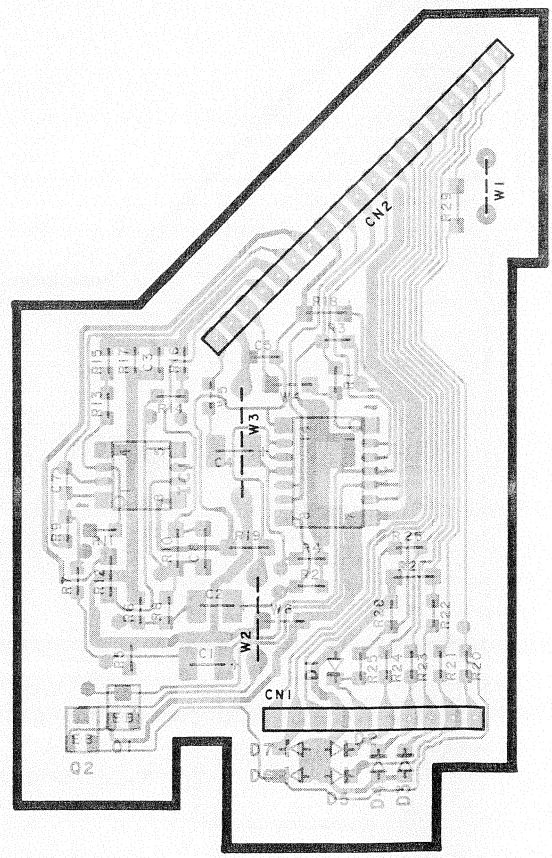
Frequency counter



(b) VCO : 19,000Hz

DAUGHTER UNIT (X89-2080-10)

X89-2080-XX
(J74-0317-12)

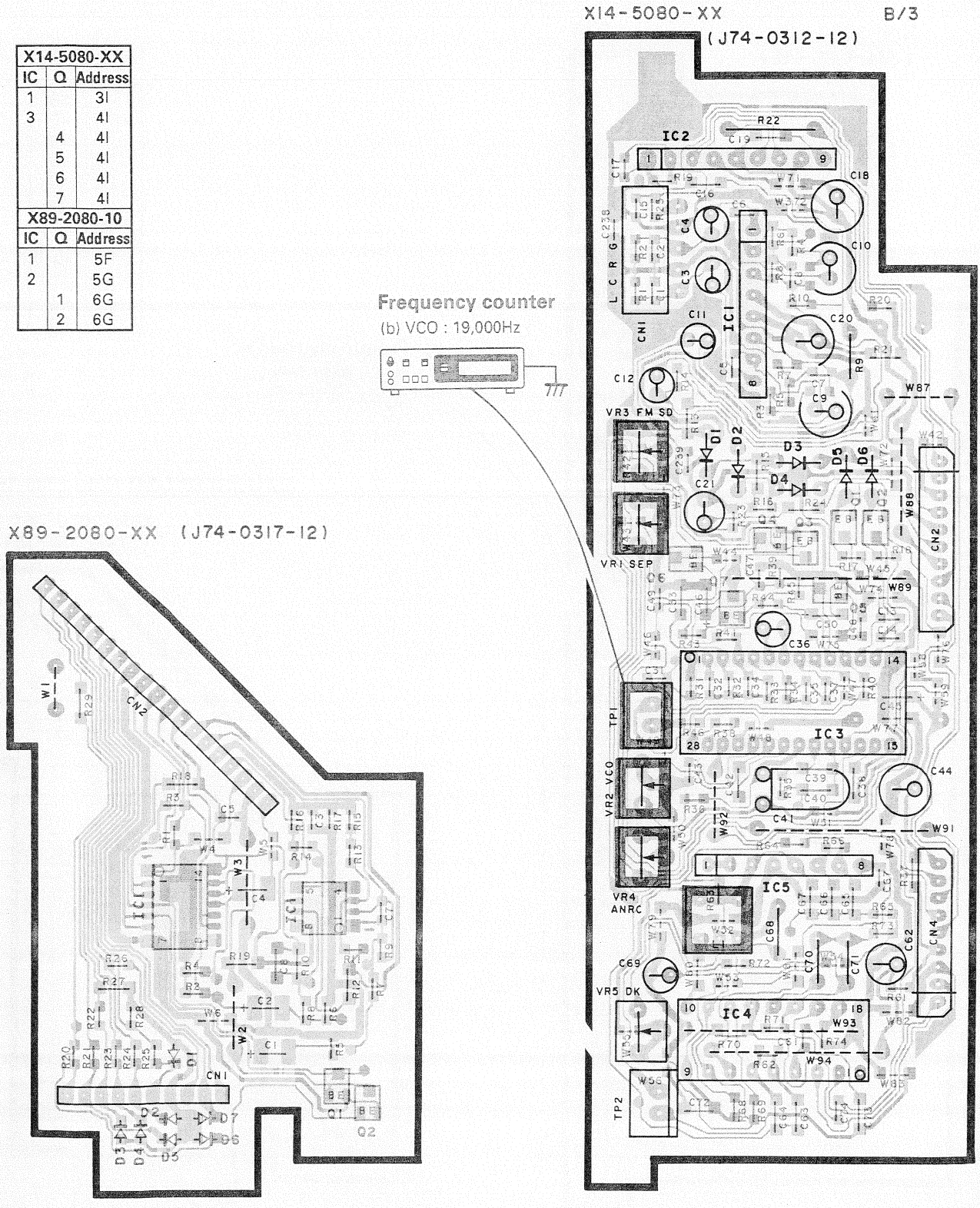


Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390

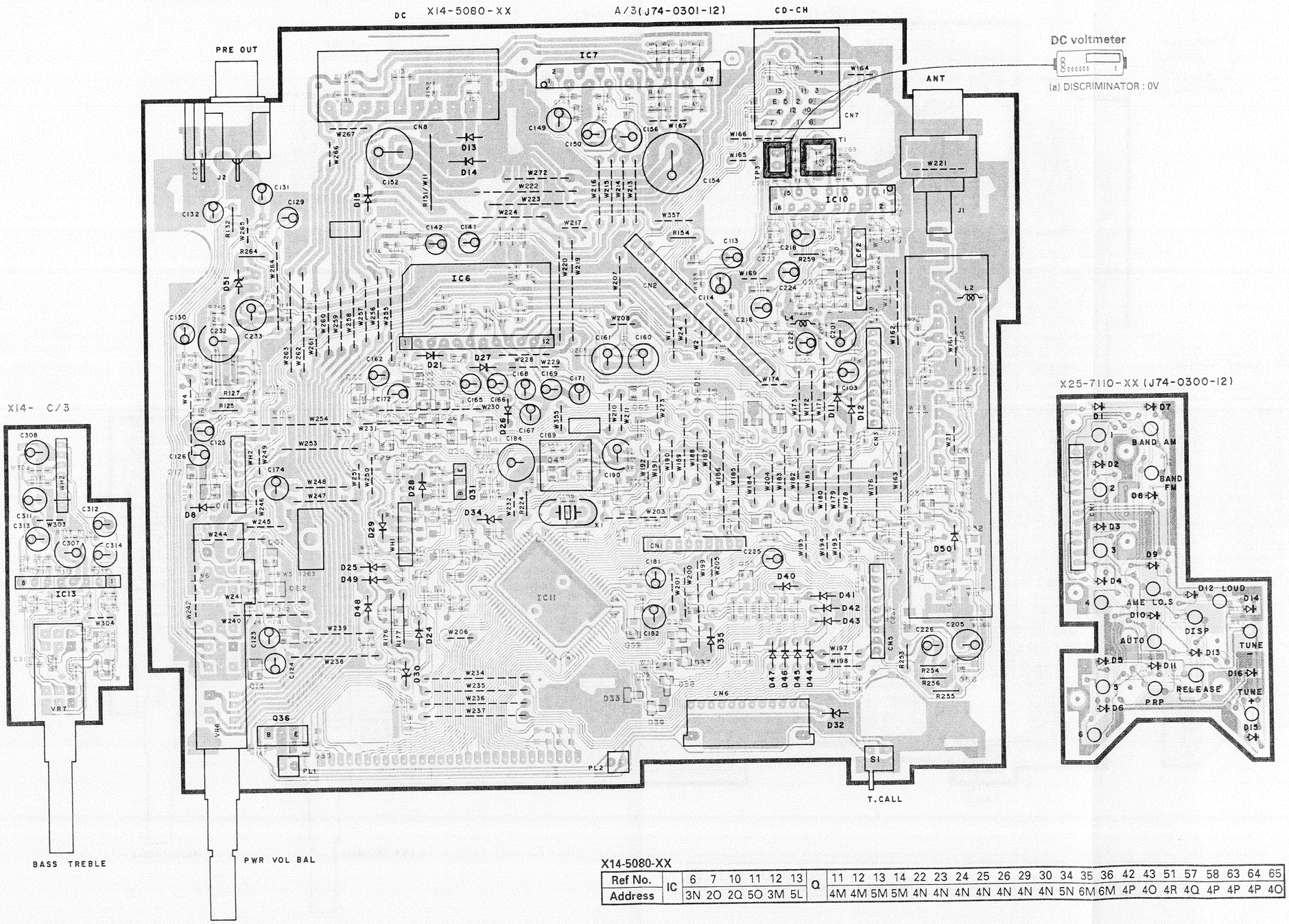
X14-5080-XX		
IC	Q	Address
1		3I
3		4I
	4	4I
	5	4I
	6	4I
	7	4I
X89-2080-10		
IC	Q	Address
1		5F
2		5G
	1	6G
	2	6G



Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (COMPONENT SIDE VIEW)

SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390



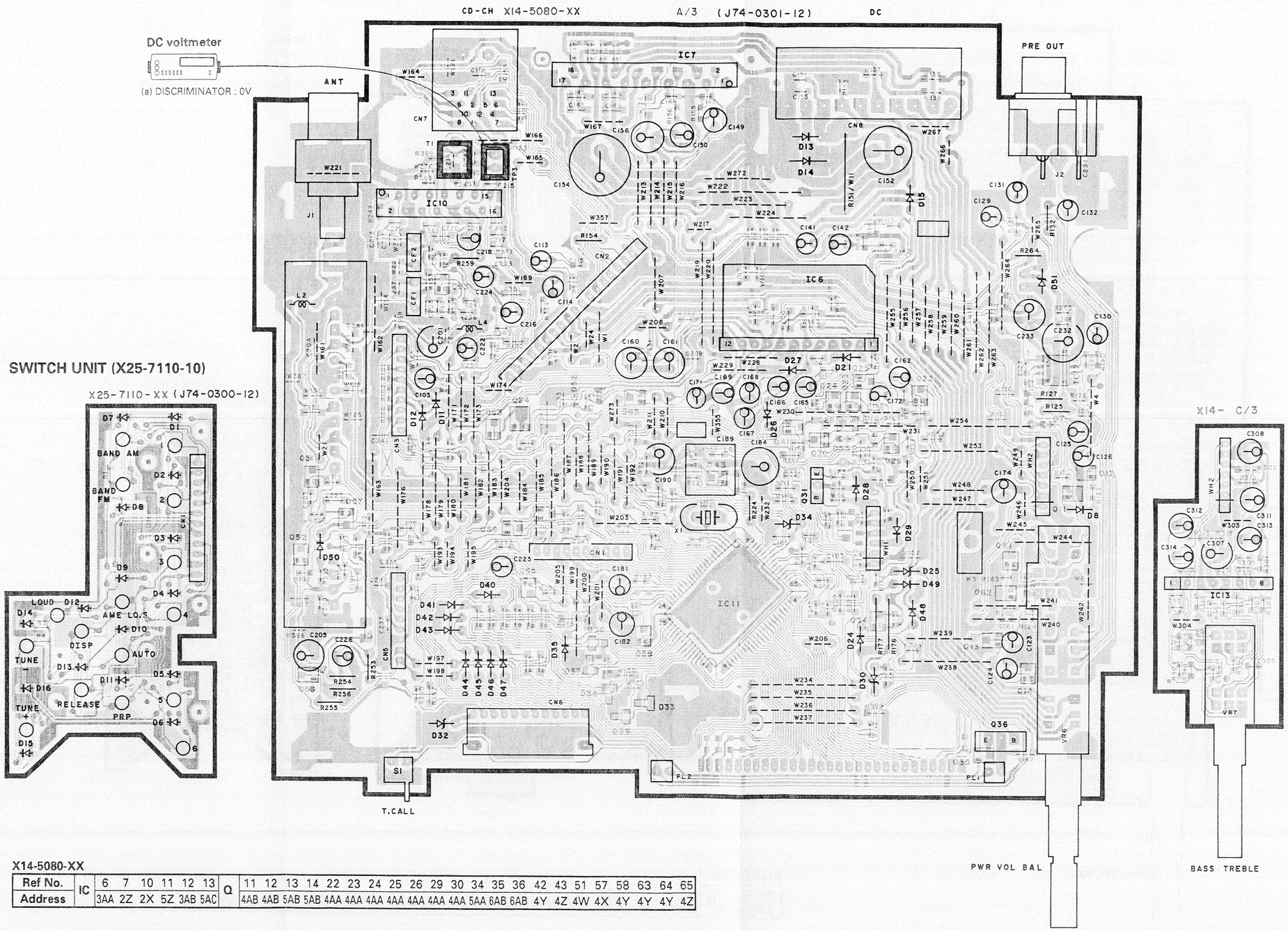
X14-5080-XX

Ref No.	IC						Q																		
Address		6	7	10	11	12	13		11	12	13	14	22	23	24	25	26	29	30	34	35	36	42	43	51	57	58	63	64	65
		3N	2O	2Q	5O	3M	5L		4M	4M	5M	5M	4N	4N	4N	4N	4N	4N	4N	4N	5N	6M	6M	4P	4O	4R	4Q	4P	4P	4P	4O

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

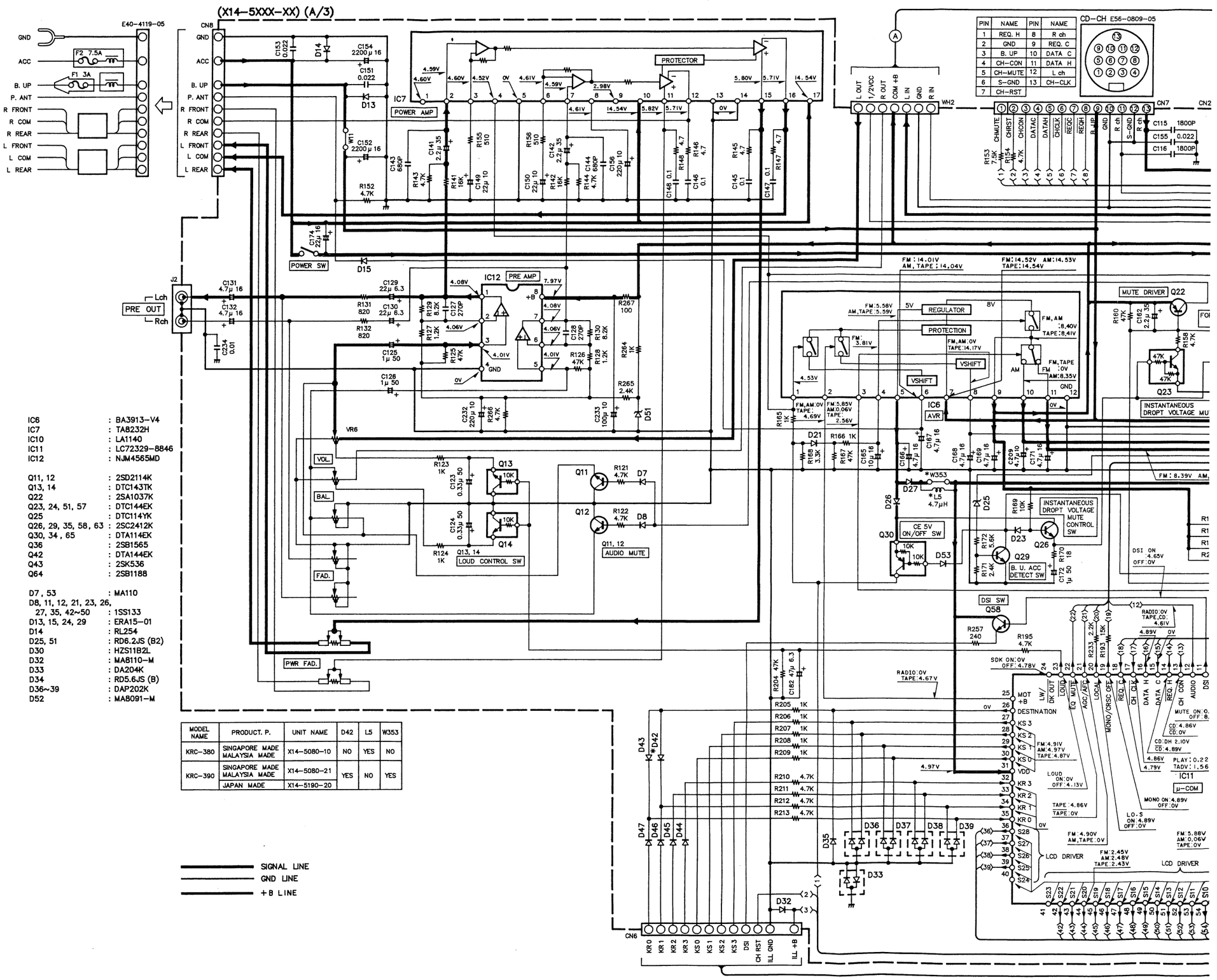
SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390



X14-5080-XX

Ref No.	IC	6	7	10	11	12	13	Q	11	12	13	14	22	23	24	25	26	29	30	34	35	36	42	43	51	57	58	63	64	65
Address		3AA	2Z	2X	5Z	3AB	5AC		4AB	4AB	5AB	5AB	4AA	4AA	4AA	4AA	4AA	4AA	4AA	5AA	6AB	6AB	4Y	4Z	4W	4X	4Y	4Y	4Y	4Z

Refer to the schematic diagram for the values of resistors and capacitors.

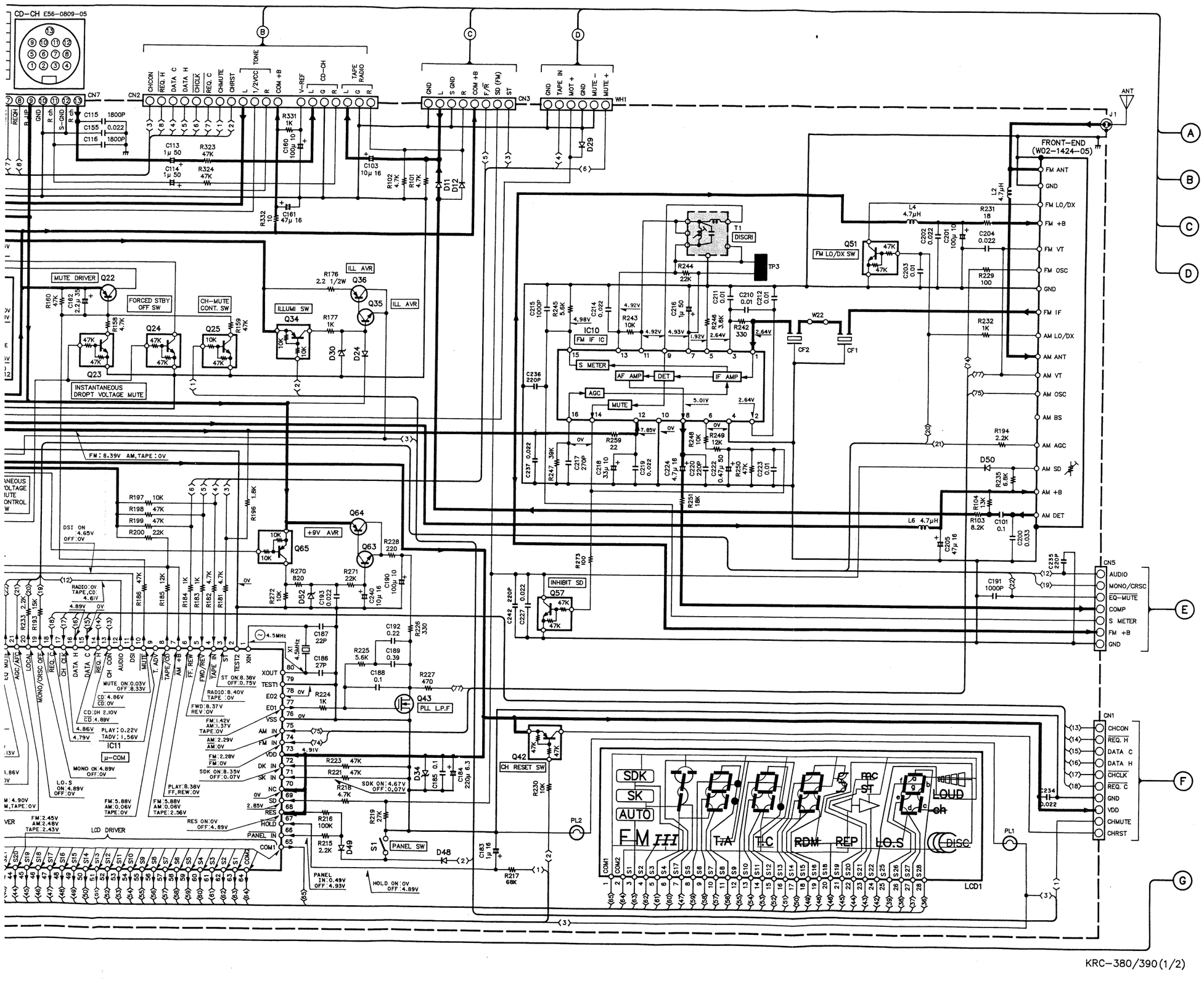


PIN	NAME	PIN	NAME
1	REQ. H	8	R ch
2	GND	9	REQ. C
3	B. UP	10	DATA C
4	CH-CON	11	DATA H
5	CH-MUTE	12	L ch
6	S-GND	13	CH-CLK
7	CH-RST		

IC6	: BA3913-V4
IC7	: TA8232H
IC10	: LA1140
IC11	: LC72329-8846
IC12	: NJM4565MD
Q11, 12	: 2SD2114K
Q13, 14	: DTC143TK
Q22	: 2SA1037K
Q23, 24, 51, 57	: DTC144EK
Q25	: DTC114YK
Q26, 29, 35, 58, 63	: 2SC2412K
Q30, 34, 65	: DTA114EK
Q36	: 2SB1565
Q42	: DTA144EK
Q43	: 2SK536
Q64	: 2SB1188
D7, 53	: MA110
D8, 11, 12, 21, 23, 26, 27, 35, 42~50	: 1SS133
D13, 15, 24, 29	: ERA15-01
D14	: RL254
D25, 51	: RD6.2JS (B2)
D30	: HZS11B2L
D32	: MA8110-M
D33	: DA204K
D34	: RD5.6JS (B)
D36~39	: DAP202K
D52	: MA8091-M

MODEL NAME	PRODUCT. P.	UNIT NAME	D42	L5	W353
KRC-380	SINGAPORE MADE MALAYSIA MADE	X14-5080-10	NO	YES	NO
KRC-390	SINGAPORE MADE MALAYSIA MADE	X14-5080-21	YES	NO	YES
	JAPAN MADE	X14-5190-20			

SIGNAL LINE
GND LINE
+B LINE



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

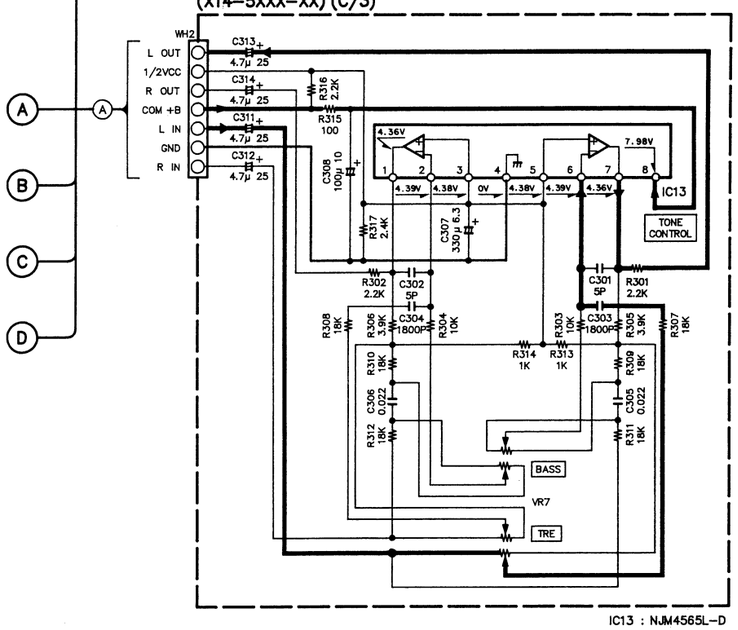
KRC-380/390 (1/2)

Y36-1760-10

KRC-380/390

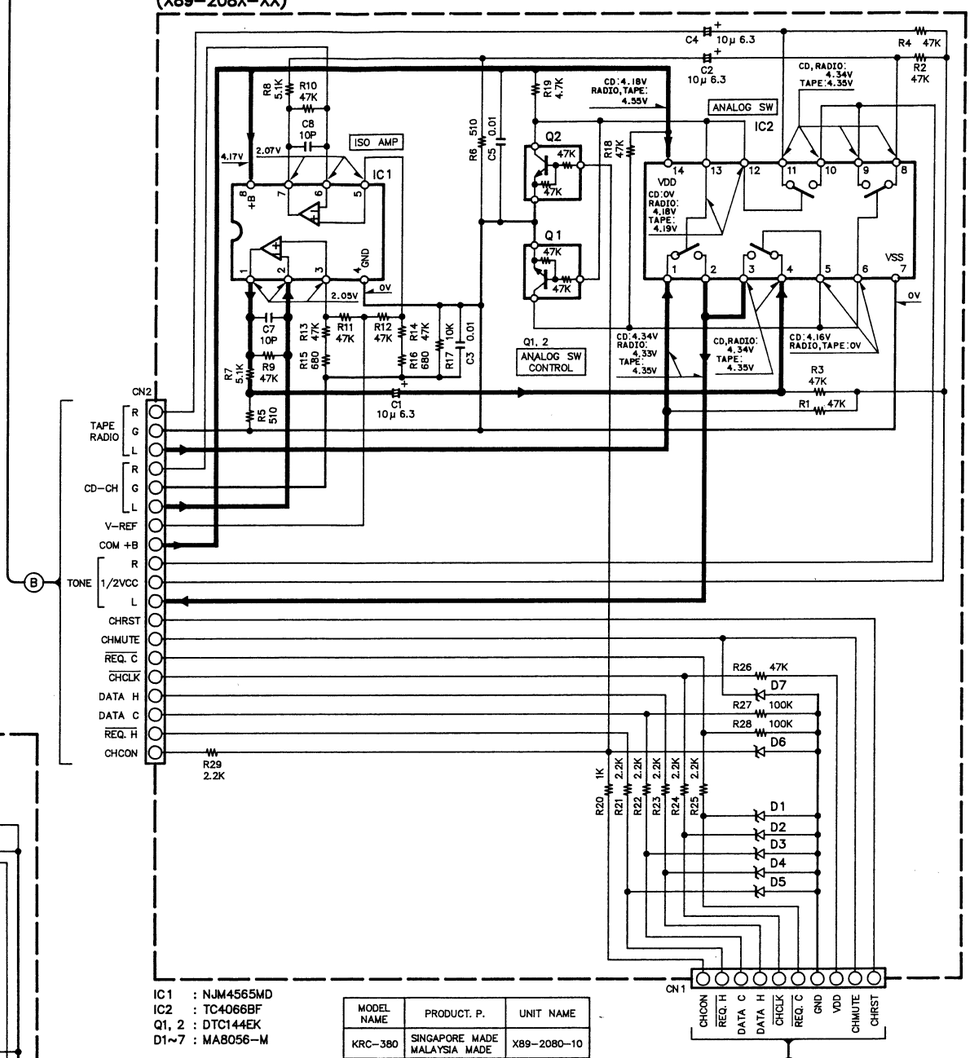
KENWOOD

(X14-5XXX-XX) (C/3)



IC13 : NJM4565L-D

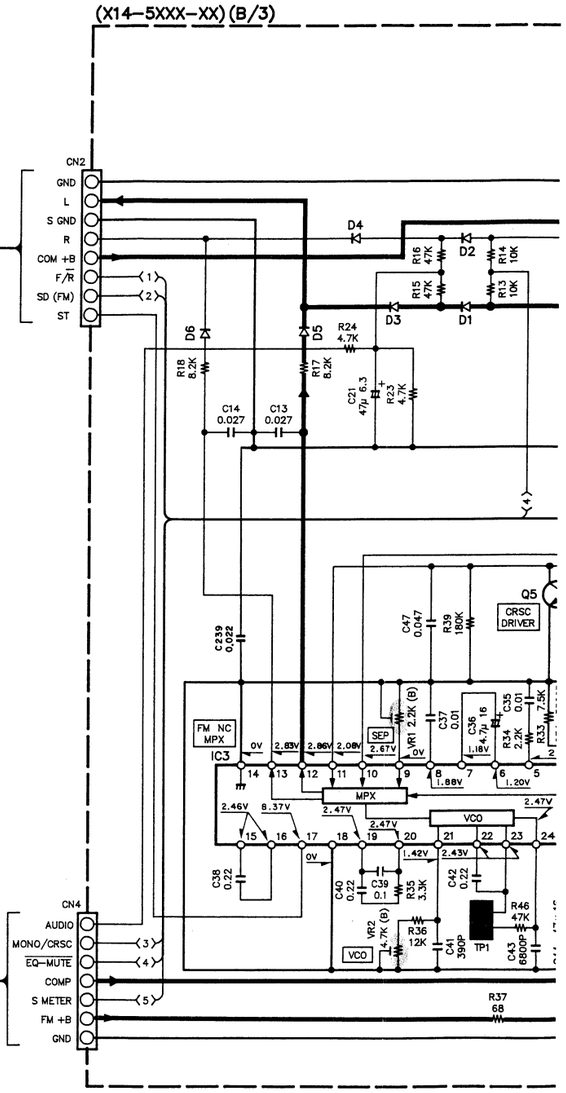
(X89-208X-XX)



IC1 : NJM4565MD
IC2 : TC4066BF
Q1, 2 : DTC144EK
D1~7 : MA8056-M

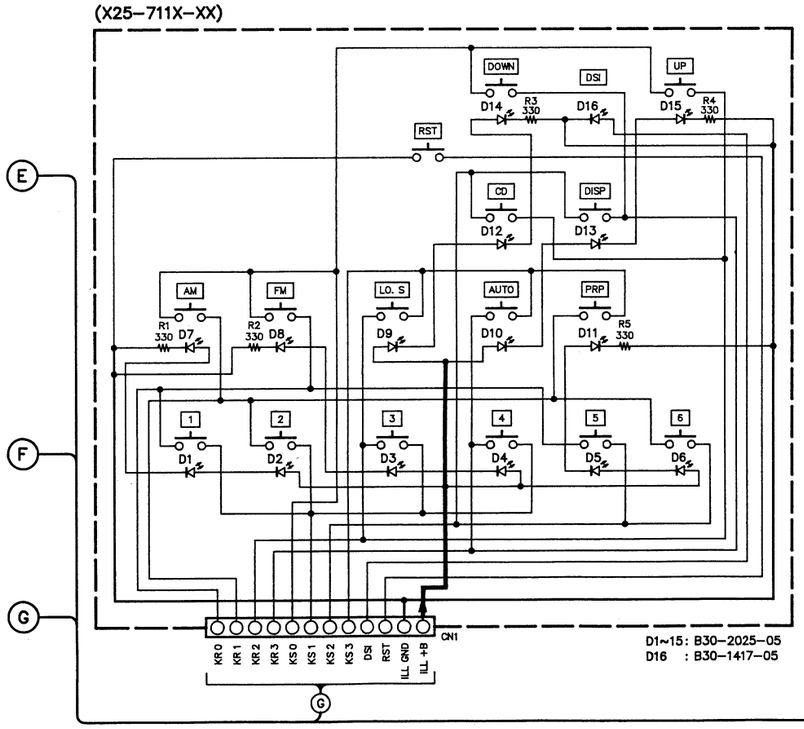
MODEL NAME	PRODUCT. P.	UNIT NAME
KRC-380	SINGAPORE MADE MALAYSIA MADE	X89-2080-10
KRC-390	SINGAPORE MADE MALAYSIA MADE	X89-2080-10
	JAPAN MADE	X89-2080-21

(X14-5XXX-XX) (B/3)



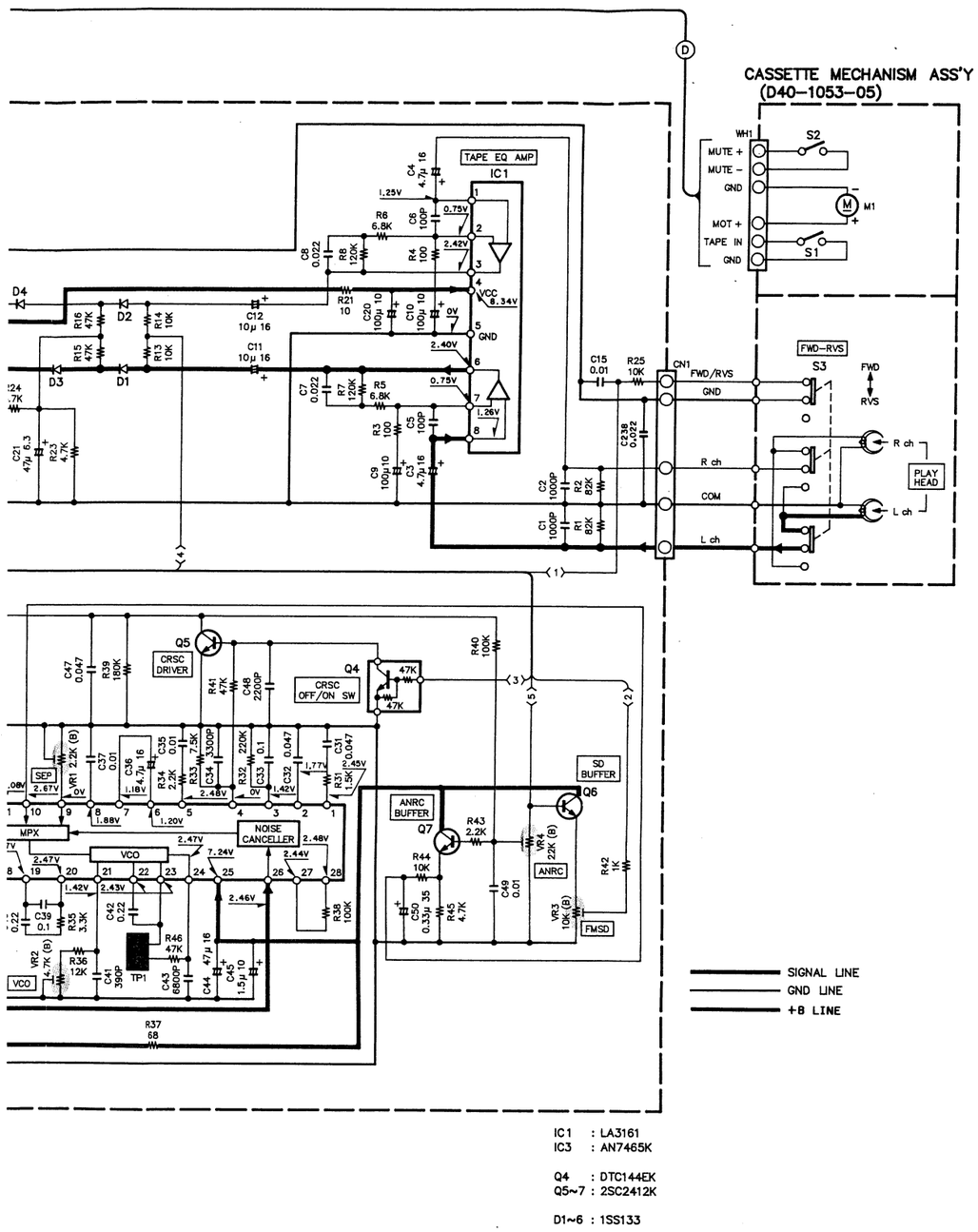
MODEL NAME	PRODUCT. P.	UNIT NAME
KRC-380	SINGAPORE MADE MALAYSIA MADE	X14-5080-10
KRC-390	SINGAPORE MADE MALAYSIA MADE	X14-5080-21
	JAPAN MADE	X14-5190-20

(X25-711X-XX)



D1~15: B30-2025-05
D16 : B30-1417-05

MODEL NAME	PRODUCT. P.	UNIT NAME
KRC-380	SINGAPORE MADE MALAYSIA MADE	X25-7110-10
KRC-390	SINGAPORE MADE MALAYSIA MADE	X25-7110-10
	JAPAN MADE	X25-7110-21

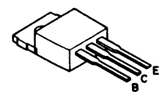


IC1 : LA3161
IC3 : AN7465K

Q4 : DTC144EK
Q5~7 : 2SC2412K

D1~6 : 1SS133

2SB1565

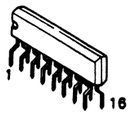


DTA144EK 2SA1037K
DTC114YK 2SC2412K
DTC143TK 2SC2114K
DTC144EK

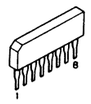
NJM4565L-D

2SB1188

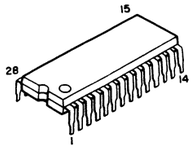
LA1140



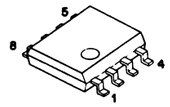
LA3161



AN7465K

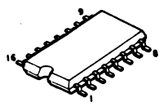


NJM4565MD



2SK536

TC4066BF



TA8232H

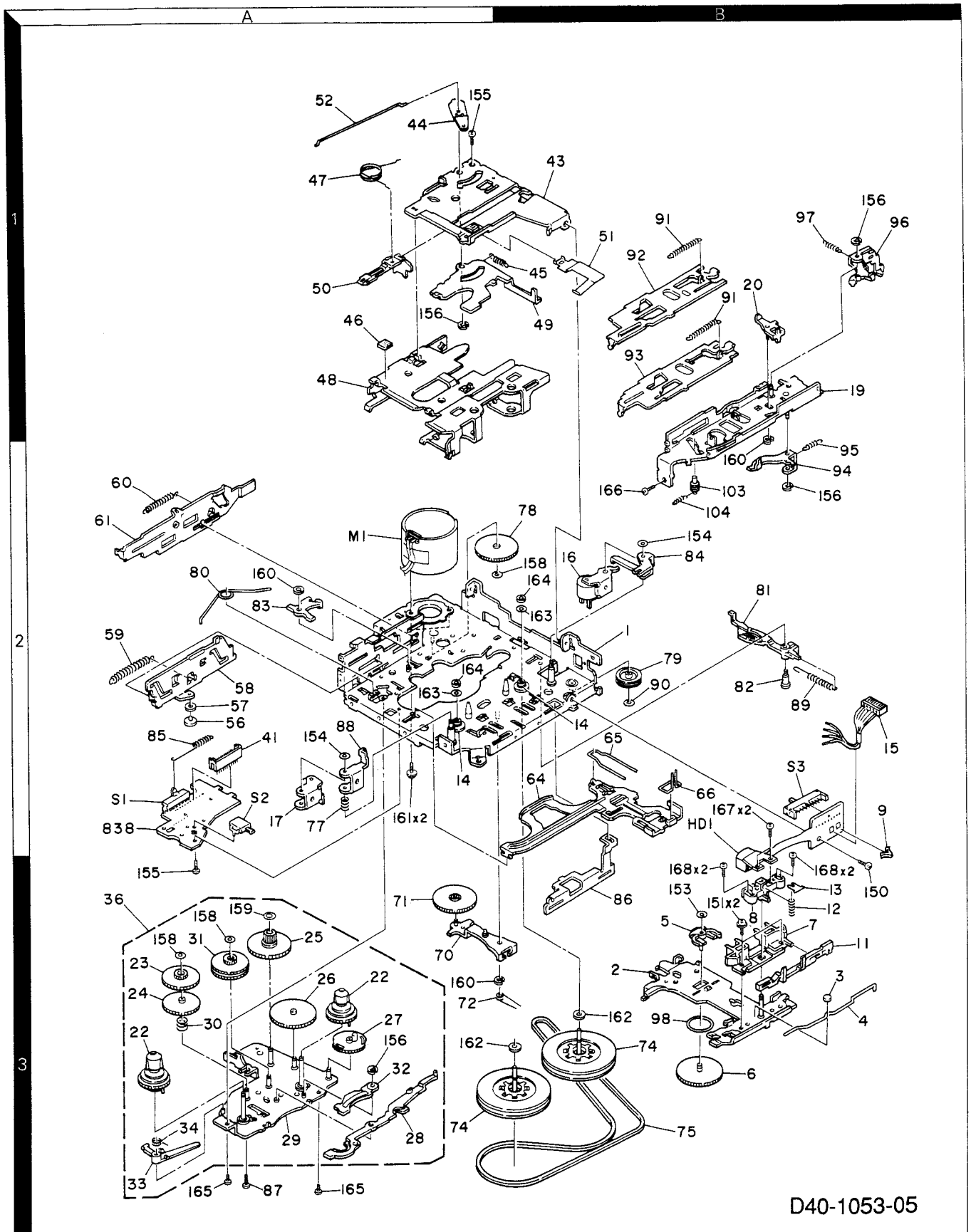
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Y36-1760-10

KRC-380/390
KENWOOD

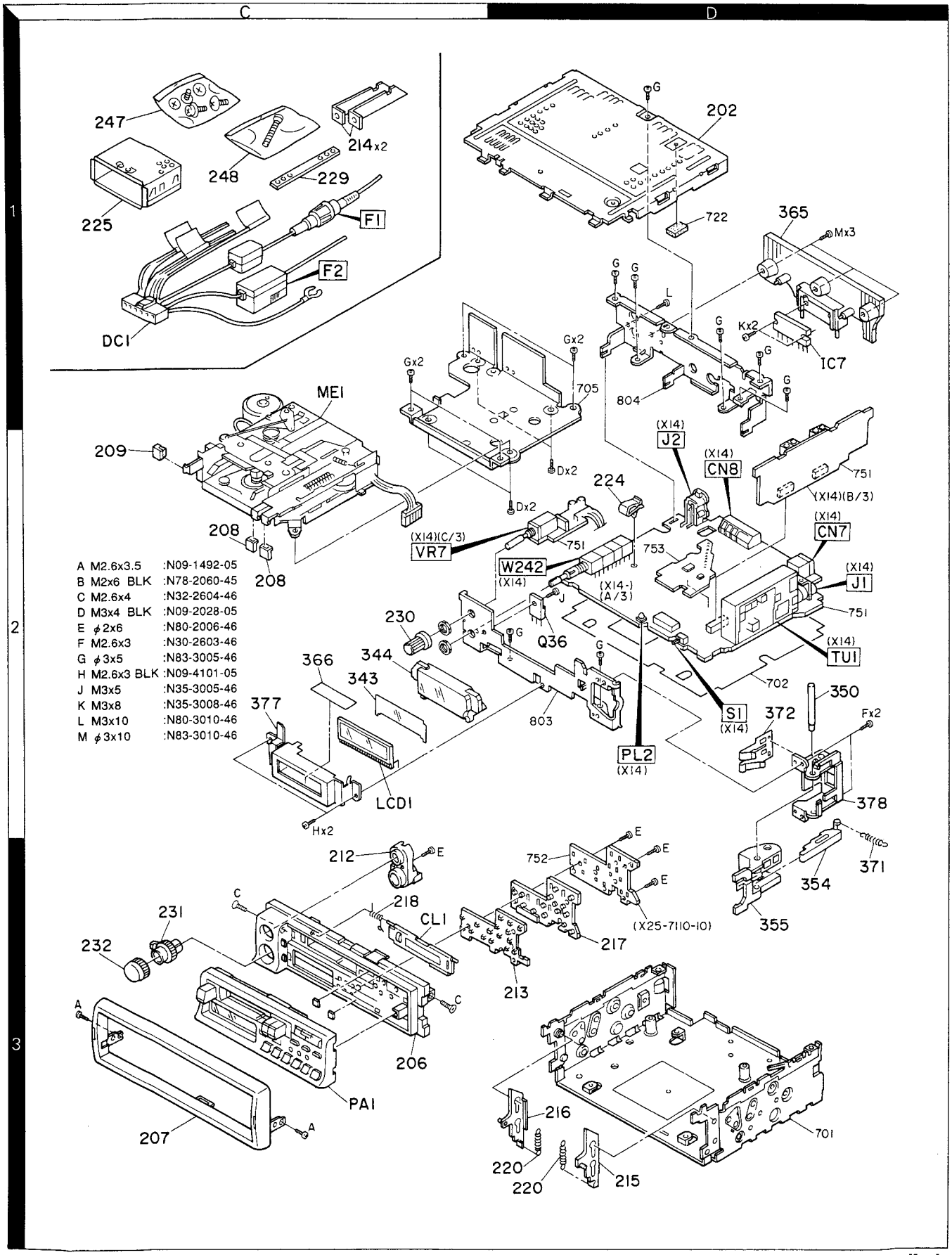
EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

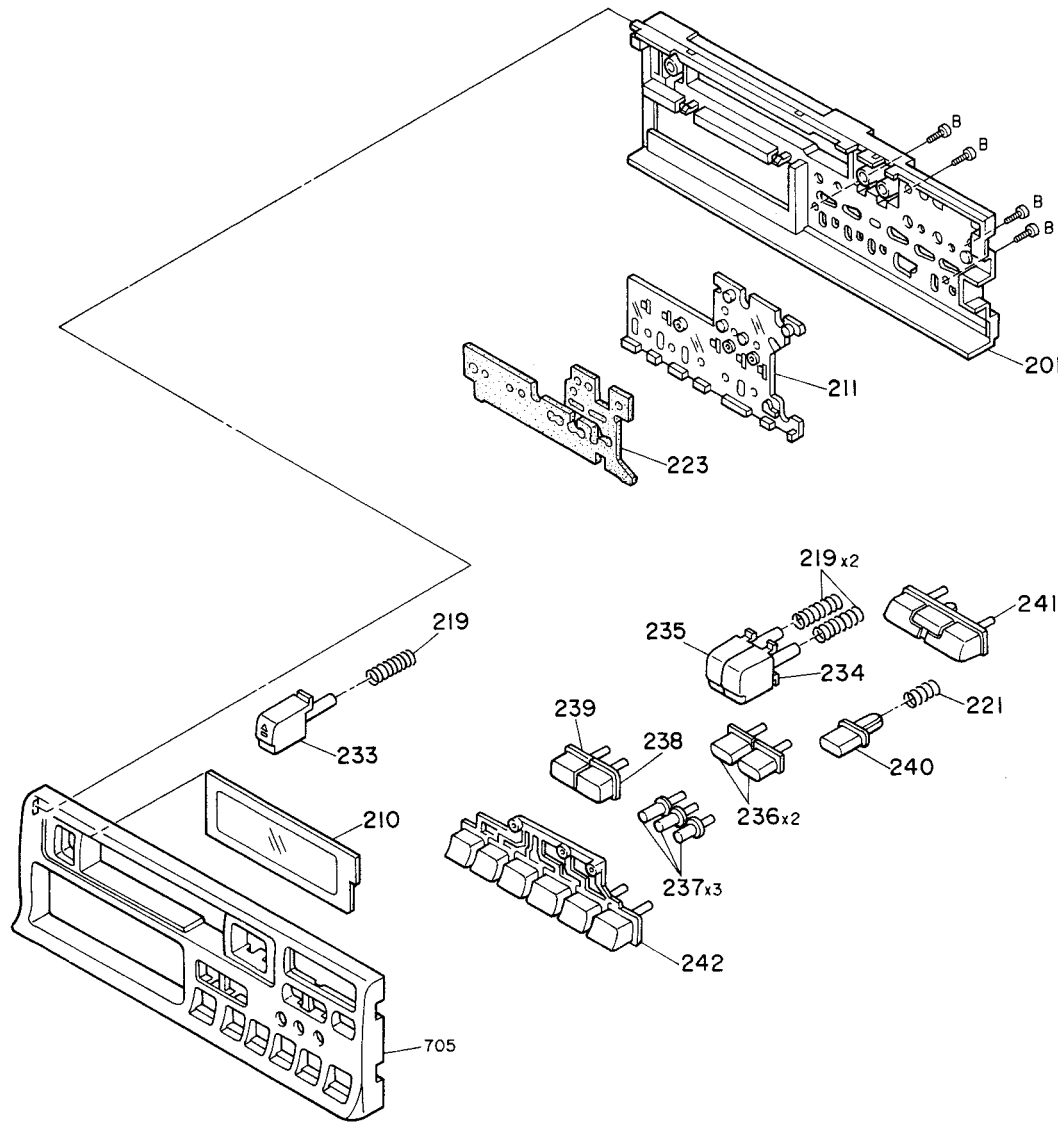
KRC-380/390

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-380/390

PARTS LIST

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
KRC-380/390			
201 1F	*	A46-1219-01	REAR COVER
202 1D	*	A52-0667-12	TOP COVER
CL1 3C	*	A53-1583-03	CASSETTE LID
PA1 3C	*	A64-0214-02	PANEL ASSY KRC-380
PA1 3C	*	A64-0215-02	PANEL ASSY KRC-390
206 3C	*	B01-0870-03	PANEL ESCUTCHEON ASSY
207 3C	*	B07-2040-02	ESCUTCHEON
208 2C		B09-0513-04	CAP (FF,REW)
209 2C	*	B09-0519-04	CAP (EJECT)
210 2E	*	B10-1573-03	FRONT GLASS
211 2F		B19-0968-03	LIGHTING BOARD
212 3C	*	B19-0969-03	LIGHTING BOARD
213 3D	*	B19-0970-03	LIGHTING BOARD
-		B46-0100-30	WARRANTY CARD
-		B46-0172-03	QUESTIONAIRE CARD
-		B46-0606-04	ID CARD
-		B58-1213-04	CAUTION CARD (EIA ﾁｮｳｶｸﾎｺﾍﾟ)
-		B58-1223-04	CAUTION CARD (CHｺﾍﾟｻｼ,4ｹｺｸｺﾍﾟ)
-	*	B64-0328-00	INSTRUCTION MANUAL KRC-380
-	*	B64-0329-00	INSTRUCTION MANUAL KRC-390
214 1C		D10-2793-04	LEVER
215 3D	*	D10-2835-04	LEVER
216 3D	*	D10-2836-04	LEVER
ME1 2C	*	D40-1053-05	CASSETTE MECHANISM ASSY
217 3D	*	E29-1426-03	CONDUCTIVE RUBBER
DC1 1C		E30-4119-05	DC CORD
F1 1C		F05-3022-05	FUSE(3A)
F2 1C		F05-7521-05	FUSE(7.5A)
218 3C		G01-2525-04	TORSION COIL SPRING
219 2E		G01-2636-04	COMPRESSION SPRING
220 3D	*	G01-2654-04	EXTENSION SPRING
221 2F	*	G01-2667-04	COMPRESSION SPRING
223 2F	*	G11-1631-04	CUSHION
-	*	H10-4454-02	POLYSTYRENE FOAMED FIXTURE
-	*	H12-2566-04	PACKING FIXTURE
-		H25-0329-04	PROTECTION BAG (280X450X0.03)
-		H25-0337-04	PROTECTION BAG (180X300X0.03)
-	*	H54-0132-04	ITEM CARTON CASE KRC-380
-	*	H54-0134-04	ITEM CARTON CASE KRC-390
-	*	H64-0146-04	OUTER CARTON CASE KRC-380
-	*	H64-0148-04	OUTER CARTON CASE KRC-390
225 1C	*	J21-7478-01	MOUNTING HARDWARE
229 1C		J54-0059-04	STAY
230 2C	*	K23-1029-04	KNOB (TONE)
231 3C	*	K23-1030-03	KNOB (FAD)
232 3C	*	K23-1031-03	KNOB (VOL)
233 2E	*	K24-1435-04	KNOB (EJECT)
234 2F	*	K24-1436-04	KNOB (FF)
235 2F	*	K24-1437-04	KNOB (REW)
236 2F	*	K24-1438-04	KNOB (LOUD/DISP)
237 2F	*	K24-1441-04	KNOB (AME/AUTO/PRP)
238 2F	*	K24-1442-04	KNOB (FM)
239 2F	*	K24-1443-04	KNOB (AM)
240 2F	*	K24-1444-04	KNOB (REL)
241 2F	*	K25-0637-03	KNOB (TUNE)
242 2F	*	K29-5573-03	KNOB (PRESET) (1-6)
247 1C		N99-1571-05	SCREW SET
248 1C		N99-1610-05	SCREW SET (M2.6X16) KRC-380
A 3C		N09-1492-05	MACHINE SCREW (2.6X3.5,ﾅﾍﾞ)
B 1F	*	N78-2060-45	PAN HEAD TAPTITE SCREW
C 3C		N32-2604-46	FLAT HEAD MACHIN SCREW
D 2D		N09-2028-05	MACHINE SCREW (M3X4)
E 3D		N80-2006-46	PAN HEAD TAPTITE SCREW
G 1D		N83-3005-46	PAN HEAD TAPTITE SCREW
SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390			
343 2C	*	B11-0869-04	OPTICAL DIFFUSER
344 2C	*	B19-0971-03	LIGHTING BOARD
LCD1 2C	*	B38-0594-05	LIQUID CRYSTAL
PL1 ,2		B30-1418-05	LAMP (5.5V 125MA,GR)
C1 ,2		CK73FB1H102K	CHIP C 1000PF K
C3 ,4		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C5 ,6		CC73FCH1H101J	CHIP C 100PF J
C7 ,8		CK73FB1H223KTA	CHIP C 0.022UF K
C9 ,10		CE04CW1A101M	ELECTRO 100UF 10WV
C11 ,12		CE04CW1C100M	ELECTRO 10UF 16WV
C13 ,14		CK73FB1E273KTA	CHIP C 0.027UF K
C15		CK73EB1H103K	CHIP C 0.01UF K
C20		CE04CW1A101M	ELECTRO 100UF 10WV
C21		CE04CW0J470M	ELECTRO 47UF 6.3WV
C31 ,32		CK73FB1E473KTA	CHIP C 0.047UF K
C33		CK73EB1E104K	CHIP C 0.10UF K
C34		CK73FB1H332K	CHIP C 3300PF K
C35		CK73FB1H103K	CHIP C 0.010UF K
C36		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C37		CK73FB1H103K	CHIP C 0.010UF K
C38		C93-0025-05	CERAMIC 0.22UF K
C39		CK73EB1E104K	CHIP C 0.10UF K
C40		C93-0025-05	CERAMIC 0.22UF K
C41		CQ92P2A391J	MYLAR 390PF J
C42		C93-0025-05	CERAMIC 0.22UF K
C43		CK73FB1H682K	CHIP C 6800PF K
C44	*	C90-2804-05	ALMINIUM ELECTROLYTIC C.
C45		C92-0501-05	CHIP-TAN 1.5UF 6.3WV
C47		CK73FB1E473KTA	CHIP C 0.047UF K
C48		CK73FB1H222K	CHIP C 2200PF K
C49		CK73FB1H103K	CHIP C 0.010UF K
C50		C92-0502-05	ELECTRO 0.33UF 35WV
C101		CK73EB1E104K	CHIP C 0.10UF K
C103		CE04CW1C100M	ELECTRO 10UF 16WV
C113,114		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C115,116		CK73FB1H182K	CHIP C 1800PF K
C123,124		CE04CW1HR33M	ELECTRO 0.33UF 50WV
C125,126		CE04CW1H010M	ELECTRO 1.0UF 50WV
C127,128		CK73FB1H271K	CHIP C 270PF K
C129,130		CE04CW0J220M	ELECTRO 22UF 6.3WV

⚠ indicates safety critical components.

PARTS LIST

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
C131,132		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C141,142		CE04CW1V2R2M	ELECTRO 2.2UF 35WV
C143,144		CK73FB1H681K	CHIP C 680PF K
C145-148		CK73EB1E104K	CHIP C 0.10UF K
C149,150	*	C90-2757-05	ALMINIUM ELECTROLYTIC C.
C151		CK73FB1H223KTA	CHIP C 0.022UF K
C152		C90-2765-05	ELECTRO 2200UF 16WV
C153,193		CK73FB1H223KTA	CHIP C 0.022UF K
C154		C90-2688-05	ALMINIUM ELECTROLYTIC C.
C155		CK73EB1H223K	CHIP C 0.022UF K
C156		C90-2673-05	ELECTRO 220UF 10WV
C160		CE04CW1A101M	ELECTRO 100UF 10WV
C161		CE04CW1C470M	ELECTRO 47UF 16WV
C162		CE04CW1V2R2M	ELECTRO 2.2UF 35WV
C165		CE04CW1C100M	ELECTRO 10UF 16WV
C166-169		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C171		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C172	*	CE04CW1H010M	ELECTRO 1.0UF 50WV
C174		CE04CW1C220M	ELECTRO 22UF 16WV
C182		CE04CW0J470M	ELECTRO 47UF 6.3WV
C183		C92-0004-05	ELECTRO 1.0UF 16WV
C184		CE04CW0J221M	ELECTRO 220UF 6.3WV
C185		CK73EB1E104K	CHIP C 0.10UF K
C186		CC73FCH1H270J	CHIP C 27PF J
C187		CC73FCH1H220J	CHIP C 22PF J
C188		CK73EB1E104K	CHIP C 0.10UF K
C189		CF92V1H394J	MF 0.39UF J
C190		CE04CW1A101M	ELECTRO 100UF 10WV
C191,206		CK73FB1H102K	CHIP C 1000PF K
C192		C93-0025-05	CERAMIC 0.22UF K
C194		CK73EB1E104K	CHIP C 0.10UF K
C200		CK73FB1E333KTA	CHIP C 0.033UF K
C201		CE04CW1A101M	ELECTRO 100UF 10WV
C202		CK73FB1H223KTA	CHIP C 0.022UF K
C203		CK73FB1H103K	CHIP C 0.010UF K
C204		CK73EB1H223K	CHIP C 0.022UF K
C205	*	C90-2804-05	ALMINIUM ELECTROLYTIC C.
C209		C92-0009-05	CHIP TAN 4.7UF 10WV
C210-212		CK73FB1H103K	CHIP C 0.010UF K
C214		CK73FB1H223KTA	CHIP C 0.022UF K
C215		CK73FB1H102K	CHIP C 1000PF K
C216		CE04CW1H010M	ELECTRO 1.0UF 50WV
C217		CK73FB1H271K	CHIP C 270PF K
C218		CE04CW1A330M	ELECTRO 33UF 10WV
C219,243		CK73FB1H223KTA	CHIP C 0.022UF K
C220,236		CK73FB1H221K	CHIP C 220PF K
C222		CE04CW1HR47M	ELECTRO 0.47UF 50WV
C223		CK73FB1H103K	CHIP C 0.010UF K
C224		CE04CW1C4R7M	ELECTRO 4.7UF 16WV
C227		CK73EB1H223K	CHIP C 0.022UF K
C232		CE04CW1A221M	ELECTRO 220UF 10WV
C233		CE04CW1A101M	ELECTRO 100UF 10WV
C234		CK73FB1H103K	CHIP C 0.010UF K
C235,242		CK73EB1H221K	CHIP C 220PF K
C237-239		CK73FB1H223KTA	CHIP C 0.022UF K

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
C240		C92-0505-05	TANTAL 10UF 16WV
C301,302		CC73FCH1H050C	CHIP C 5PF C
C303,304		CK73FB1H182K	CHIP C 1800PF K
C305,306		CK73FB1H223KTA	CHIP C 0.022UF K
C307		CE04DW0J331M	ELECTRO 330UF 6.3WV
C308		CE04DW1A101M	ELECTRO 100UF 10WV
C311-314		CE04DW1E4R7M	ELECTRO 4.7UF 25WV
350 2D	*	D21-2142-04	SHAFT
354 3D	*	D10-2837-03	LEVER
355 3D	*	D10-2838-03	LEVER
CN1		E40-3302-05	PIN ASSY
CN2	*	E40-9308-05	SOCKET FOR PIN ASSY
CN3	*	E40-9310-05	PIN ASSY
CN4	*	E40-9314-05	SOCKET FOR PIN ASSY
CN5		E40-9315-05	PIN ASSY
CN6		E40-5461-05	SOCKET FOR PIN ASSY
CN7	*	E56-0809-05	CYLINDRICAL RECEPTACLE
CN8		E58-0824-05	RECTANGULAR RECEPTACLE
J1		E04-0306-05	RF COAXIAL CABLE RECEPTACLE
J2		E13-0235-05	PHONO JACK
TP1		E40-3445-15	SOCKET FOR PIN ASSY
TP3		E40-3640-05	PIN ASSY
WH1	*	E39-0033-05	WIRING HARNESS
WH2	*	E39-0032-05	WIRING HARNESS
365 1D	*	F01-1436-03	HEAT SINK
366 2C		F20-1809-04	INSULATING SHEET
371 3D	*	G01-2669-04	EXTENSION SPRING
372 2D	*	G02-1168-03	FLAT SPRING
377 2C	*	J19-4530-03	HOLDER
378 2D	*	J21-7476-03	MOUNTING HARDWARE
CF1 ,2		L72-0715-05	CERAMIC FILTER
L2		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)
L4		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)
L5		L92-0131-05	FERRITE CORE
L6		L40-4791-31	SMALL FIXED INDUCTOR(4.7UH)
T1		L30-0462-15	FM IFT
X1		L77-1163-05	CRYSTAL RESONATOR(4.5M)
X1		L77-2025-05	CRYSTAL RESONATOR
F 2D		N30-2603-46	PAN HEAD MACHINE SCREW
G 1D		N83-3005-46	PAN HEAD TAPTITE SCREW
H 2C	*	N09-4101-05	MACHINE SCREW (M2.6X3,ナベ ツメ)
J 2D		N35-3005-46	BINDING HEAD MACHINE SCREW
K 1D		N35-3008-46	BINDING HEAD MACHINE SCREW
L 1D		N80-3010-46	PAN HEAD TAPTITE SCREW
M 1D		N83-3010-46	PAN HEAD TAPTITE SCREW
R1 ,2		RK73FB2A823J	CHIP R 82K J 1/10W
R3 ,4		RK73FB2A101J	CHIP R 100 J 1/10W
R5 ,6		RK73FB2A682J	CHIP R 6.8K J 1/10W
R7 ,8		RK73FB2A124J	CHIP R 120K J 1/10W
R13		RK73EB2B103J	CHIP R 10K J 1/8W
R14		RK73FB2A103J	CHIP R 10K J 1/10W

KRC-380/390

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

SYNTHESIZER UNIT (X14-5080-XX) -10 : KRC-380, -21 : KRC-390

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
R15		RK73EB2B473J	CHIP R 47K J 1/8W
R16		RK73FB2A473J	CHIP R 47K J 1/10W
R17 ,18		RK73FB2A822J	CHIP R 8.2K J 1/10W
R21		RK73EB2B100J	CHIP R 10 J 1/8W
R23		RK73FB2A472J	CHIP R 4.7K J 1/10W
R24		RK73EB2B472J	CHIP R 4.7K J 1/8W
R25		RK73FB2A103J	CHIP R 10K J 1/10W
R31		RK73FB2A152J	CHIP R 1.5K J 1/10W
R32		RK73FB2A224J	CHIP R 220K J 1/10W
R33		RK73FB2A752J	CHIP R 7.5K J 1/10W
R34		RK73FB2A222J	CHIP R 2.2K J 1/10W
R35		RK73FB2A332J	CHIP R 3.3K J 1/10W
R36		RK73FB2A123J	CHIP R 12K J 1/10W
R37		RK73EB2B680J	CHIP R 68 J 1/8W
R38		RK73FB2A104J	CHIP R 100K J 1/10W
R39		RK73FB2A184J	CHIP R 180K J 1/10W
R40		RK73FB2A104J	CHIP R 100K J 1/10W
R41		RK73FB2A473J	CHIP R 47K J 1/10W
R42		RK73FB2A102J	CHIP R 1.0K J 1/10W
R43		RK73FB2A222J	CHIP R 2.2K J 1/10W
R44		RK73FB2A103J	CHIP R 10K J 1/10W
R45		RK73FB2A472J	CHIP R 4.7K J 1/10W
R46		RK73FB2A473J	CHIP R 47K J 1/10W
R101,102		RK73FB2A472J	CHIP R 4.7K J 1/10W
R103		RK73FB2A822J	CHIP R 8.2K J 1/10W
R104		RK73FB2A133J	CHIP R 13K J 1/10W
R121,122		RK73FB2A472J	CHIP R 4.7K J 1/10W
R123		RK73EB2B102J	CHIP R 1.0K J 1/8W
R124		RK73FB2A102J	CHIP R 1.0K J 1/10W
R126		RK73FB2A473J	CHIP R 47K J 1/10W
R128		RK73FB2A122J	CHIP R 1.2K J 1/10W
R129,130		RK73FB2A822J	CHIP R 8.2K J 1/10W
R131		RK73EB2B821J	CHIP R 820 J 1/8W
R141,142		RK73FB2A163J	CHIP R 16K J 1/10W
R143,144		RK73FB2A472J	CHIP R 4.7K J 1/10W
R145-148		RK73EB2B4R7J	CHIP R 4.7 J 1/8W
R152		RK73FB2A472J	CHIP R 4.7K J 1/10W
R153		RK73EB2B752J	CHIP R 7.5K J 1/8W
R155,156		RK73FB2A511J	CHIP R 510 J 1/10W
R158		RK73FB2A472J	CHIP R 4.7K J 1/10W
R159,160		RK73FB2A473J	CHIP R 47K J 1/10W
R165,166		RK73FB2A102J	CHIP R 1.0K J 1/10W
R167		RK73FB2A473J	CHIP R 47K J 1/10W
R168		RK73FB2A332J	CHIP R 3.3K J 1/10W
R169		RK73FB2A103J	CHIP R 10K J 1/10W
R170		RK73FB2A180J	CHIP R 18 J 1/10W
R171		RK73FB2A242J	CHIP R 2.4K J 1/10W
R172		RK73FB2A562J	CHIP R 5.6K J 1/10W
R176		RD14DB2H2R2J	SMALL-RD 2.2 J 1/2W
R181,182		RK73FB2A472J	CHIP R 4.7K J 1/10W
R183,184		RK73FB2A102J	CHIP R 1.0K J 1/10W
R185		RK73FB2A123J	CHIP R 12K J 1/10W
R186		RK73FB2A473J	CHIP R 47K J 1/10W
R193		RK73FB2A153J	CHIP R 15K J 1/10W
R194		RK73FB2A222J	CHIP R 2.2K J 1/10W
R195		RK73FB2A472J	CHIP R 4.7K J 1/10W
R196		RK73FB2A182J	CHIP R 1.8K J 1/10W
R197		RK73FB2A103J	CHIP R 10K J 1/10W
R198,199		RK73FB2A473J	CHIP R 47K J 1/10W
R200		RK73EB2B223J	CHIP R 22K J 1/8W
R204		RK73FB2A473J	CHIP R 47K J 1/10W
R205-209		RK73EB2B102J	CHIP R 1.0K J 1/8W
R210-213		RK73EB2B472J	CHIP R 4.7K J 1/8W
R215		RK73FB2A222J	CHIP R 2.2K J 1/10W
R216		RK73FB2A104J	CHIP R 100K J 1/10W
R217		RK73EB2B683J	CHIP R 68K J 1/8W
R218		RK73EB2B472J	CHIP R 4.7K J 1/8W
R219		RK73FB2A273J	CHIP R 27K J 1/10W
R221		RK73FB2A473J	CHIP R 47K J 1/10W
R223		RK73FB2A473J	CHIP R 47K J 1/10W
R225		RK73FB2A562J	CHIP R 5.6K J 1/10W
R226		RK73EB2B331J	CHIP R 330 J 1/8W
R227		RK73EB2B471J	CHIP R 470 J 1/8W
R228		RK73EB2B221J	CHIP R 220 J 1/8W
R229		RK73FB2A101J	CHIP R 100 J 1/10W
R230		RK73FB2A103J	CHIP R 10K J 1/10W
R231		RK73FB2A180J	CHIP R 18 J 1/10W
R232		RK73EB2B102J	CHIP R 1.0K J 1/8W
R233		RK73FB2A222J	CHIP R 2.2K J 1/10W
R235		RK73FB2A682J	CHIP R 6.8K J 1/10W
R238,273		RK73FB2A101J	CHIP R 100 J 1/10W
R242		RK73FB2A331J	CHIP R 330 J 1/10W
R243		RK73FB2A103J	CHIP R 10K J 1/10W
R244,271		RK73FB2A223J	CHIP R 22K J 1/10W
R245		RK73FB2A562J	CHIP R 5.6K J 1/10W
R246		RK73FB2A362J	CHIP R 3.6K J 1/10W
R247		RK73FB2A393J	CHIP R 39K J 1/10W
R248,272		RK73FB2A103J	CHIP R 10K J 1/10W
R249		RK73FB2A123J	CHIP R 12K J 1/10W
R250		RK73FB2A473J	CHIP R 47K J 1/10W
R251		RK73EB2B183J	CHIP R 18K J 1/8W
R257		RK73EB2B241J	CHIP R 240 J 1/8W
R265		RK73FB2A242J	CHIP R 2.4K J 1/10W
R266		RK73FB2A472J	CHIP R 4.7K J 1/10W
R267		RK73FB2A101J	CHIP R 100 J 1/10W
R270		RK73FB2A821J	CHIP R 820 J 1/10W
R301,302		RK73FB2A222J	CHIP R 2.2K J 1/10W
R303,304		RK73FB2A103J	CHIP R 10K J 1/10W
R305,306		RK73FB2A392J	CHIP R 3.9K J 1/10W
R307-310		RK73FB2A183J	CHIP R 18K J 1/10W
R311		RK73EB2B183J	CHIP R 18K J 1/8W
R312		RK73FB2A183J	CHIP R 18K J 1/10W
R313,314		RK73FB2A102J	CHIP R 1.0K J 1/10W
R315		RK73EB2B101J	CHIP R 100 J 1/8W
R316		RK73FB2A222J	CHIP R 2.2K J 1/10W
R317		RK73FB2A242J	CHIP R 2.4K J 1/10W
R323,324		RK73FB2A473J	CHIP R 47K J 1/10W
R331		RK73FB2A102J	CHIP R 1.0K J 1/10W
R332		RK73FB2A100J	CHIP R 10 J 1/10W
VR1		R12-1071-05	TRIMMING POT.(2.2K ｵｰﾑ)

PARTS LIST

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
VR2		R12-1073-05	TRIMMING P@T.(4.7K ﾀﾃ)
VR3		R12-3100-05	TRIMMING P@T.(10K ﾀﾃ)
VR4		R12-3101-05	TRIMMING P@T.(22K ﾀﾃ)
VR6	*	R24-3653-05	P@TENTI@METER(80X2,20KX2,5K)
VR7	*	R29-0617-05	P@TENTI@METER(50KX2)
S1		S40-1139-05	PUSH SWITCH (PANEL)
D1 -6		1SS133	DI@DE
D7		MA110	DI@DE
D7		1SS355	DI@DE
D8		1SS133	DI@DE
D11 ,12		1SS133	DI@DE
D13		AM01Z	DI@DE
D13		ERA15-01	DI@DE
D14		RL254	DI@DE
D15		AM01Z	DI@DE
D15		ERA15-01	DI@DE
D21		1SS133	DI@DE
D23 ,53		MA110	DI@DE
D23 ,53		1SS355	DI@DE
D24		AM01Z	DI@DE
D24		ERA15-01	DI@DE
D25		RD6.2JS(B2)	ZENER DI@DE
D26 ,27		1SS133	DI@DE
D29		AM01Z	DI@DE
D29		ERA15-01	DI@DE
D30		HZS11B2L	ZENER DI@DE
D32	*	RD11JS(B)	ZENER DI@DE
D33		DA204K	DI@DE
D34		RD5.6JS(B)	ZENER DI@DE
D35		1SS133	DI@DE
D36 -39		DAP202K	DI@DE
D42 -50		1SS133	DI@DE
D43 -50		1SS133	DI@DE
D51		RD6.2JS(B2)	ZENER DI@DE
D52		MA8091-M	ZENER DI@DE
IC1		LA3161	IC(PREAMP X2)
IC3		AN7465K	IC(N.C./MPX)
IC6	*	BA3913-V4	ANAL@G IC
IC7		TA8232H	ANAL@G IC
IC10		LA1140	IC(FM IF/DETECTI@N)
IC11	*	LC72329-8846	MI-C@M IC
IC12		NJM4565MD	IC(@P AMP X2)
IC13		NJM4565L-D	IC(@P AMP X2)
Q4		DTC144EK	DIGITAL TRANSISTOR
Q5 -7		2SC2412K	TRANSISTOR
Q11 ,12		2SD2114K	TRANSISTOR
Q13 ,14		DTC143TK	DIGITAL TRANSISTOR
Q22		2SA1037K	TRANSISTOR
Q23 ,24		DTC144EK	DIGITAL TRANSISTOR
Q25		DTC114YK	DIGITAL TRANSISTOR
Q26		2SC2412K	TRANSISTOR
Q29		2SC2412K	TRANSISTOR
Q30		DTA144EK	DIGITAL TRANSISTOR
Q34 ,65		DTA144EK	DIGITAL TRANSISTOR
Q35		2SC2412K	TRANSISTOR
Q36		2SB1565	TRANSISTOR
Q42		DTA144EK	DIGITAL TRANSISTOR
Q43		2SK536	FET
Q51		DTC144EK	DIGITAL TRANSISTOR
Q57		DTC144EK	DIGITAL TRANSISTOR
Q58 ,63		2SC2412K	TRANSISTOR
Q64		2SB1188	TRANSISTOR
TU1 2D		W02-1424-05	FM/AM FR@NT-END

SWITCH UNIT (X25-7110-10)

D1 -15		B30-2025-05	LED			
D16	*	B30-1417-05	LED			
CN1		E40-5452-05	PIN ASSY			
R1 -5		RK73EB2B331J	CHIP R	330	J	1/8W

DAUGHTER UNIT (X89-2080-10)

C1 ,2		C92-0509-05	TANTAL	10UF	6.3WV	
C3		CK73FB1H103K	CHIP C	0.010UF	K	
C4		C92-0509-05	TANTAL	10UF	6.3WV	
C5		CK73FB1H103K	CHIP C	0.010UF	K	
C7		CC73FCH1H100D	CHIP C	10PF	D	
C8		CC73ECH1H100D	CHIP C	10PF	D	
CN1	*	E40-9317-05	PIN ASSY			
CN2	*	E40-9316-05	PIN ASSY			
R1 -4		RK73FB2A473J	CHIP R	47K	J	1/10W
R5 ,6		RK73FB2A511J	CHIP R	510	J	1/10W
R7 ,8		RK73FB2A512J	CHIP R	5.1K	J	1/10W
R9		RK73FB2A473J	CHIP R	47K	J	1/10W
R10		RK73EB2B473J	CHIP R	47K	J	1/8W
R11		RK73FB2A473J	CHIP R	47K	J	1/10W
R12		RK73EB2B473J	CHIP R	47K	J	1/8W
R13 ,14		RK73FB2A473J	CHIP R	47K	J	1/10W
R15 ,16		RK73FB2A681J	CHIP R	680	J	1/10W
R17		RK73FB2A103J	CHIP R	10K	J	1/10W
R18		RK73EB2B473J	CHIP R	47K	J	1/8W
R19		RK73EB2B472J	CHIP R	4.7K	J	1/8W
R20		RK73FB2A102J	CHIP R	1.0K	J	1/10W
R21 -25		RK73FB2A222J	CHIP R	2.2K	J	1/10W
R26		RK73FB2A473J	CHIP R	47K	J	1/10W
R27		RK73EB2B104J	CHIP R	100K	J	1/8W
R28		RK73FB2A104J	CHIP R	100K	J	1/10W
R29		RK73EB2B222J	CHIP R	2.2K	J	1/8W
D1 -7		MA8056-M	ZENER DI@DE			
IC1		NJM4565MD	IC(@P AMP X2)			
IC2		TC4066BF	IC(BILATERAL SWITCH)			
Q1 ,2		DTC144EK	DIGITAL TRANSISTOR			

CASSETTE MECHANISM ASS'Y (D40-1053-05)

1	2A	A10-2345-08	CHASSIS ASSY	
2	3B	J21-7524-08	M@UNTING HARDWARE (P.B. HEAD)	
3	3B	D14-0630-08	SPRING R@LLER	
4	3B	G01-2613-08	T@RSI@N SPRING (PINCH R@LLER)	
5	3B	D10-2907-08	SLIDER	

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PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
6 3B		D13-1102-08	GEAR
7 3B	*	J90-0743-08	TAPE GUIDE
8 2B		J19-4554-08	HEAD HOLDER
9 2B		J11-0604-08	CLAMPER
11 3B		D10-2908-08	SHIFT PLATE
12 3B		G01-2695-08	H.G SPRING
13 3B		J90-0742-08	WASHER
15 2B		E39-0059-08	WIRING HARNESS
16 2B		D10-2752-08	PINCH ROLLER ASSY (F)
17 2A		D10-2753-08	PINCH ROLLER ASSY (R)
19 2B		J21-7528-08	MOUNTING HARDWARE
20 1B		D10-2909-08	SLIDER
22 3A		D03-0308-08	REEL DISK
23 3A		D13-1103-08	GEAR
24 3A		D13-1104-08	GEAR
25 3A		D13-1105-08	GEAR
26 3A		D13-1106-08	GEAR
27 3A		D13-1107-08	GEAR (REV)
28 3A		D10-2755-08	ARM
29 3A		A11-0889-08	SUB CHASSIS ASSY
30 3A		G01-2618-08	COMPRESSION SPRING
31 3A		D13-1111-08	GEAR
32 3A		D10-2756-08	ARM
33 3A		D10-2757-08	ARM
34 3A		G01-2614-08	TORSION SPRING
36 3A		D03-0307-08	REEL DISK ASSY
41 2A		E60-0802-08	CONNECTOR
43 1B		D10-2758-08	ARM
44 1A		D10-1346-08	SLIDER
45 1B		G01-1574-08	TENSION SPRING
46 1A		G11-1550-08	CUSHION
47 1A		G01-2696-08	TORSION SPRING
48 1A		J19-4451-08	HOLDER
49 1A		D10-2759-08	ARM
50 1A		D10-2768-08	SLIDER
51 1B		G02-1153-08	FLAT SPRING
52 1A		G09-0051-08	SPRING
56 2A		D14-0631-08	ROLLER
57 2A		D14-0632-08	ROLLER
58 2A		D10-2747-08	LEVER
59 2A		G01-2620-08	TENSION SPRING
60 2A		G01-2621-08	TENSION SPRING
61 2A	*	D10-2912-08	LEVER
64 2B		D10-2769-08	SLIDER
65 2B		G09-2006-08	SPRING
66 2B		G09-2007-08	SPRING
70 3A		D10-2754-08	ARM
71 2A		D13-1109-08	GEAR
72 3A		G01-2616-08	TORSION SPRING
74 3B		D01-0605-08	FLYWHEEL ASSY
75 3B		D16-0606-08	BELT
77 2A		G01-2619-08	COMPRESSION SPRING
78 2B		D13-1110-08	GEAR
79 2B		D15-0909-08	PULLEY
80 2A		G01-2617-08	TORSION SPRING

CASSETTE MECHANISM ASS'Y (D40-1053-05)

Ref No. 参照番号	New 新	Parts No. 部品番号	Description 部品名／規格
81 2B		D10-2760-08	ARM
82 2B		N09-4055-08	SCREW
83 2A		D10-2761-08	ARM
84 2B		D10-2762-08	ARM
85 1A		G01-2622-08	TENSION SPRING
86 3B		D10-2749-08	LEVER
87 3A		N09-4056-08	SCREW
88 2A		D10-2763-08	ARM
89 2B		G01-2623-08	TENSION SPRING
90 2B		N19-2038-08	FLAT WASHER
91 1B		G01-2697-08	TENSION SPRING
92 1B	*	D10-2913-08	LEVER
93 1B	*	D10-2914-08	LEVER
94 2B		D10-2764-08	ARM
95 2B		G01-2625-08	TENSION SPRING
96 1B		D10-2765-08	ARM
97 1B		G01-2626-08	TENSION SPRING
98 3B		N19-2035-08	FLAT WASHER
103 2B		D19-0604-08	PIN
104 2B		G01-2627-08	TENSION SPRING
150 2B		N09-4009-05	SCREW
151 3B		N09-4009-05	SCREW
153 3B		N19-2036-08	FLAT WASHER
154 2A		N19-2037-08	FLAT WASHER
155 1A		N84-2003-45	SCREW
156 1A		N24-3015-60	E TYPE RETAINING RING
157 1B		N09-4059-08	SCREW
158 2B		N19-2043-08	FLAT WASHER
159 2A		N19-2039-08	FLAT WASHER
160 2B		N24-3020-60	E TYPE RETAINING RING
161 2A		N09-4058-08	SCREW
162 3B		N19-2050-08	FLAT WASHER
163 2A		N19-2041-08	FLAT WASHER
164 2A		N19-2042-08	FLAT WASHER
165 3A		N09-4092-08	SCREW
166 2B		N09-4060-08	SCREW
167 3B		N09-4109-08	SCREW
168 3B		N09-4110-08	SCREW
HD1 2B		T31-0214-08	PLAYBACK HEAD
M1 2A		T42-0734-08	MOTOR ASSY
S1 2A		S62-0813-08	SLIDE SWITCH
S2 2A		S68-0803-08	PUSH SWITCH
S3 2B		S62-0812-08	SLIDE SWITCH

PARTS LIST

MARKING OF CHIP TRANSISTORS (SMT)
(DTAxxxxK, DTCxxxxK, 2Sxxxxx K)

SMT (PNP)			
形 名/Parts No.	標 印/Mark	形 名/Parts No.	標 印/Mark
DTA114EK	16	DTA114YK	54
DTA124EK	15	DTA143TK	93
DTA114TK	94	DTA114EK	14
DTA144WK	76	DTA143EK	13
DTA143XK	33	DTA124XK	35
DTA124TK	95	DTA144TK	96
DTA123EK	12	DTA123JK	E32
DTA143ZK	E13	DTA113JK	E11
DTA123YK	52	DTA114WK	74
DTA115EK	19	DTA115TK	99
DTA125TK	9A	DTA114GK	K14
DTA115GK	K19	DTA124GK	K15
DTA144GK	K12		

SMT (NPN)			
形 名/Parts No.	標 印/Mark	形 名/Parts No.	標 印/Mark
DTC144EK	26	DTC114YK	64
DTC124EK	25	DTC143TK	03
DTC114TK	04	DTC114EK	24
DTC144WK	86	DTC143EK	23
DTC143XK	43	DTC124XK	45
DTC124TK	05	DTC144TK	06
DTC123EK	22	DTC123JK	E42
DTC143ZK	E23	DTC113ZK	E21
DTC123YK	62	DTC114WK	84
DTC115EK	29	DTC115TK	09
DTC125TK	0A	DTC114GK	K24
DTC115GK	K29	DTC124GK	K25
DTC144GK	K22		

SMT			
形 名/Parts No.	略記号 / Mark	形 名/Parts No.	略記号 / Mark
2SA1036K	H	2SA1037K	F
2SA1037KLN	D	2SA1455K	G
2SA1514K	M	2SB852K	U
2SC2059K	J	2SC2411K	C
2SC2412K	B	2SC2412KLN	L
2SC2413K	A	2SC3082K	S
2SC3722K	I	2SC3802K	AL
2SC3837K	AC	2SC3838K	AD
2SC3839K	AE	2SC3906K	T
2SD1383K	W	2SD1484K	Y
2SD1757K	AA	2SD1781K	AF
2SD1782K	AJ		

MPT			
形 名/Parts No.	略記号 / Mark	形 名/Parts No.	略記号 / Mark
2SB1132	BA	2SB1188	BC
2SB1189	BD	2SD1664	DA
2SD1766	DB	2SD1767	DC
2SD1384	DE		

KRC-380/390

SPECIFICATIONS

FM Tuner Section

Frequency Range (Switchable)
- 200kHz space ..... 87.9MHz~107.9MHz
- 50kHz space ..... 87.5MHz~108.0MHz

Usable Sensitivity (S/N : 30dB) 9.8dB (0.8μV/75Ω)
Quieting Sensitivity (S/N=50dB) .. 15.2dBf (1.6μV/75Ω)
Frequency Response (±3dB) ..... 30Hz~15kHz
Signal to Noise Ratio 73dB
Selectivity 100dB
Capture Ratio 1.5dB
Image Response Ratio 70dB
IF Response Ratio 120dB
Stereo Separation (1kHz) 40dB

AM Tuner Section

Frequency Range (Switchable)
- 10kHz space ..... 530kHz~1700kHz
- 9kHz space ..... 531kHz~1611kHz

Usable Sensitivity 28dB (30μV)

Cassette Deck Section

Tape Speed ..... 4.76cm/sec.
Wow and Flutter (WRMS) ..... 0.12% (WRMS)
Fast Winding Time (C-60) ..... 100sec.
Frequency Response (±3dB) ..... 30Hz~14kHz (120μs)
Stereo Separation (1kHz) 43dB
Signal to Noise Ratio 54dB

Audio Section

Power Output ..... 25W x 2 (Max Power Output)
- 1kHz at 10% THD ..... 20W x 2 into 4Ω
- 30Hz~14kHz at 1% THD ..... 15W x 2 into 4Ω

Tone Action
- Bass ..... 100Hz±10dB
- Trebel ..... 10kHz±10dB

Preout Level/Load ..... 1000mV (Max.)/10kΩ

General

Operating Voltage ..... 14.4V (11-16V allowable)
Current Consumption ..... 5.2A at Rated Power
Installation Size
- W ..... 182mm (7-3/16 in)
- H ..... 53mm (2-1/16 in)
- D ..... 150mm (5-7/8 in)

Weight 3.5LBs (1.6kg)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note :
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

Alive Mitake, 2-5, 1-chome Shibuya, Shibuya-ku, Tokyo 150, Japan

KENWOOD SERVICE CORPORATION
P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90810-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. BOX 55-2791, Piso 6 Plaza Chase, Cl. 47 y Aquilino de la Guardia, Panama, Republic de Panama

TRIO-KENWOOD U.K. LIMITED
KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.
Mechelsesteenweg 418 B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker-Str. 15, 63150 Heusenstamm, Germany

TRIO-KENWOOD FRANCE S.A.
13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori, 7/9 20129 Milano, Italy

KENWOOD ESPAÑA S.A.
Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)
P.O. BOX 504, 8 Figtreel Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.
Unit 3712-3724, Level 37 Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T. Hong Kong

KENWOOD ELECTRONICS SINGAPORE PTE LTD.
No. 1 Genting Lane #07-00, KENWOOD Building, Singapore, 1334